

8934 is multi-Recessive

8372 add plant may be hop. witch
about center of row. Is highly H₂O resistant

dry map 8004 hop in about middle of row, & small plant.

For Var Imp

5008 non drying,

8212 center of row may be tetr

26

32

6800

12

36

3000

4
144

9800

500

4

6300

2400

3900

2400

2400

48

"

4 | 76
46
36

19

SAMPLE PAGE.

VARIETAL TEST OF OATS, 1908.

CONDITIONS OF EXPERIMENT.

PLOT.

Location.....Field H.
Size.....1/20 acre.

SOIL.

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY.

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED.

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED.

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING.

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19_____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind _____

Position_____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder_____

SEED.

Variety _____

Weight per bushel _____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder_____

SEED.

Variety _____

Weight per bushel _____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

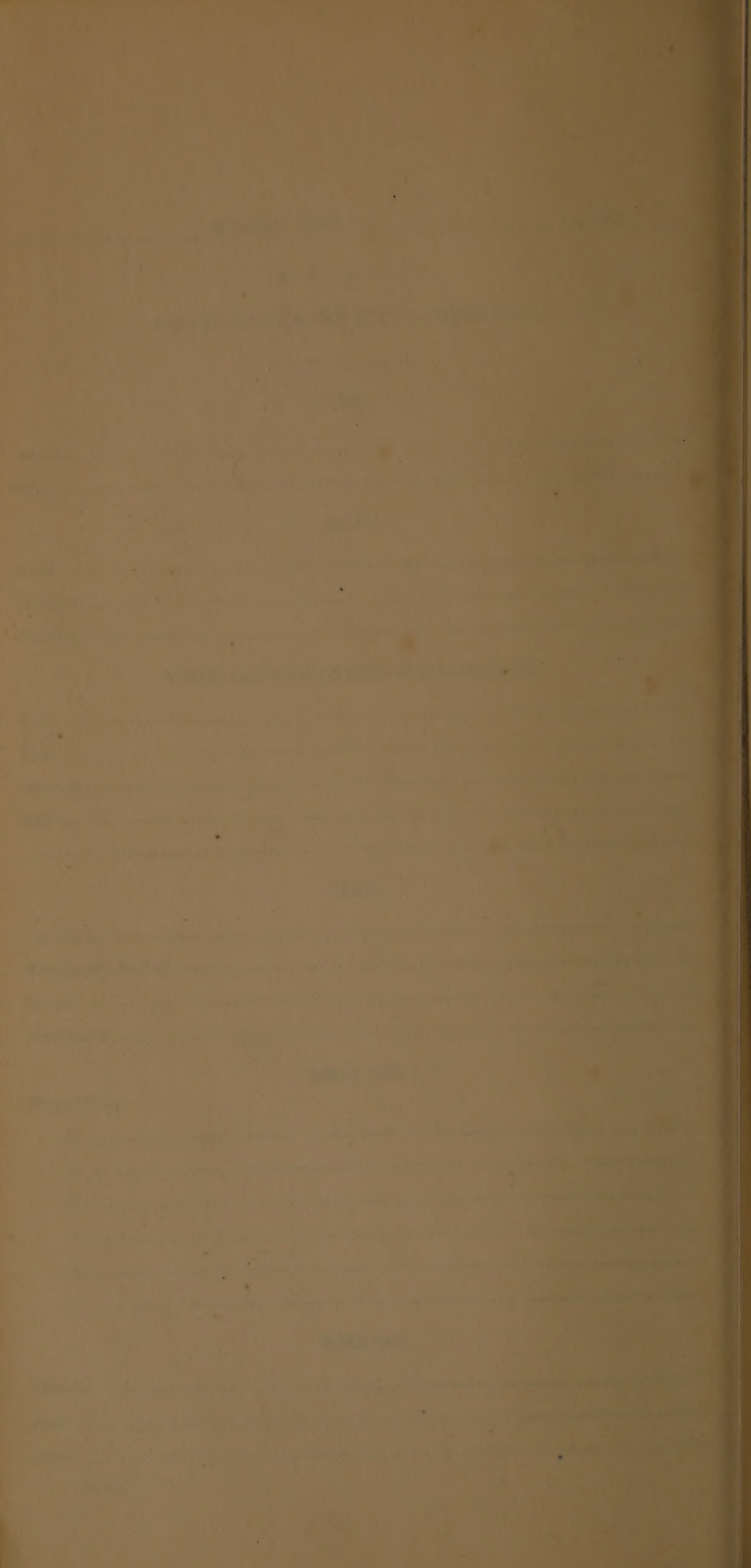
6. _____

SEEDING.

Manner _____

Date _____

Rate _____



Through 102 transplanted to
field on 4/3/40

INDEX

6
Page

F2, 4700 X Rexoro (COVERED PLANTS from 1959 --- 7-12

F1 plants 13

Mixed plants 14

Haploids 16

Inheritance Parents 17

Col x Cubensis 19

Transplanted to field from greenhouse 4/2/40

F₂ PLANTS of CROSS CI-4700 x REXORO.

1939 PLANT No.					
2					
3					
4					
5					
6					
7					
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12					
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14					
16					
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24					
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1939
Plant
No.
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1939
PLANT
No

97

98

100

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102

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112

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114

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~~117~~ missing

118

119

120

~~121~~ missing

122

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1939
PLANT
NO.

145

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1939
PLANT
No.

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1939
PLANT
No

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1939
PLANT
No.

241

242

243

244 } is missing

245

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- 285
- 286
- 288

ALL
#1

Fi Plants. - Trans planted from greenhouse

301

1 Fi, CALORO x CALADY

2 3711A2,

3 Blue ROSE x Lady Wright. Pl-2

4 Calady x Blue Rose

5 Fortuna x Blue Rose

6 376A2

7 ~~378A2~~ Fi (Shoemed x Early Prol.)

8 379A1

to Field. on April. - ~~3, 1940~~ ^{3, 1940}

209

9 Caloro x Blue Rose

10 3715A4

11 3715A8

12 3715A14

13 3715A11

14 3715A38

15 $F_1(S \times E.P.) \times F_1(\text{Caloro} \times \text{Calady})$ pl-5

16 $F_1(\text{Shoermed} \times \text{Early Pol.}) \times F_1(\text{Caloro} \times \text{Calady})$

317

17 ✓

$F_1(\text{Delitus} \times \text{Rexoro}) \times F_1(\text{Caloro} \times \text{Blue Rose})$
PI-17

18. ✓

$F_1(\text{Shoemed} \times \text{Early Prolific}) \times F_1(\text{Caloro} \times \text{Calady})$
PI-6

19 ✓

" x "

PI-16

20

$F_1(\text{Delitus} \times \text{Rexoro}) \times F_1(\text{Caloro} \times \text{Blue Rose})$
PI-1

21

$F_1(\text{Shoemed} \times \text{Early Prolific}) \times F_1(\text{Caloro} \times \text{Calady})$

22 38-4585

23 38-2110

24 39-4219. Multiple recessive Nr 8/13

- 325
- 25 38-3621
almost entirely sterile, large glumes
coarse plant.
- 26 39-3089
Treated with colch
2s - a good Bk Co resistant type
- 27 39-3409 ✓
2s Hb & Co resistant
- 28 39-7158
possible tetraploid
2s a large seeded type
- 29 39-4312
- 30 39-4354
used as a parent
- 31 39-4312
- 32 39-5206 white Hulled, Caloro

332

33 39-4359 (parent)

34 38-4061

35 39-5202, 2448

36 39-5203, 2914A

37 39-3094,

38 39-2704 Haploid from - moved

see page 30

39 39-2419 Sterile plant from -

same

40 3716 A1 F1,

- 34)
- 41 9-Chrom - Fortune
- 42 39-4157, Haploid from - (moved)
see page 30.
- 43 82912A13-2-2-1-1, (K x BR)
- 44 C2854-3, Ryker Blue Rose
- 45 379A, Haploid from F2 population of
 Tr. quercifera 8/9/40
- 46 Ste Sterile plant from Acadia in (PSN)
- ~~47 died~~ ~~Not trans.~~ to field
- 48 39-103 82913A31- (CO x BR)

349
49 39-181; - Non-Heading type from 323A

50 Rexoro Colch - 39-36

51 39-91 Blue Rose, (TS-7183)

52 371A Died (Not to Field)
Non-Heading Plant from F₂ Population:
Pl-3

53 371A Non-Heading Plant from F₂ Population;

54 371A Non-Heading Plant from F₂ population:
To greenhouse 2/9/40

55 39-95 B2912A42- (KxBR)

56 39-38C Fortuna; Colch.

257

57 34-23C Fortuna Colch

Twisted panicles

Same
plant

58 39-1C Fortuna Colch

A medium-grain Fortuna

59 39-10C Fortuna Colch

60 39-2C Fortuna Colch

61 39-16A Rexoro Colch

62 38-3033 Haploid Plant from (Early)
maybe Edith

63 Edith Haploid

64 Edith Haploid

To greenhouse 8/9/40

365

65 38-3033

Haploid shoot from 38-3033
that was grown as no-treatment
with colchicine treated shoots

66 38-3033

do

67 38-3033

Haploid plant from

68

do

To greenhouse 8/9/40

69 Early Hap (Edith)? ~~do~~

(Treated with colch. probably
portion)

70 38-3033 Hap

~~do~~

71

do

72

do

373

73 Carolina Gold

74

CI-1546

~~mt 1546~~

75

CI-5173

Crossed with liguleless

76

CI-6121-3

Kn 8/13

77

CI-3212

78

CI-4504

79

CI-5398

80

CI-4011

381

81

Italian Red

dead

82

Southern Red

83

CI-3025

84

CI-5309

Nr 8/13

85

CI-6011

Nr 8/13

86

F₁ (CI-4700 x Rexoto)

87

do

88

do. mouse

(401)
91

Grassy Plant (Non-Head) from
Bulk Hybrid Plot of Caloro x Fortana in
1939

92

Plant from Twin Seed (Jodon)

93

do

94

do

95

Multiple Recessive plants from
Seeds transplanted to greenhouse
on 2/28/40

96

CI-2671 - Liguleless Variety from
Seeds transplanted to greenhouse
on 2/12/40.

97

CI-1696 - Brittle Straw Variety from
Seeds transplanted to ^{greenhouse} ~~field~~
on 2/12/40

98 38-3033

Haploid shoot treated 94 hrs.
in Colchicine

(409)

99 38-3033

Culm from 94 hr. colch.
treated haploid shoot which
produced seed.

100 38-3033

Haploid shoot treated 2 hrs.
in Colchicine

101

F_1 (Colusa x Cubensis) x Unknown

Many young plants believed to be
from seeds of coly cul which slatterned
off into pairs.

102

F_1 (Colusa x Cubensis) original

1 plant mnd 6/20/40 ?

1 " " 7/27/40

1939 F1 plants

391/41	3/3	^{9/4} (SP x SJ)	x Revao	not a cross
2	3/22-9/3			not a cross
3	3/22			8/16 cross
4	3/25			not a cross
5	8/7			8/16 cross
6	8/10			8/16 cross
7	8/22			not a cross
8	8/24			not a cross
392/71	3/26	8/8	(LP x SJ) x Delitua	Cross
2	3/22	7/30	highly sterile in gr N. fertile in field	Cross
3	3/26	7/28		Cross
4	8/7			Cross
5	8/11			Cross
6	8/10			Cross
7	9/3		not a cr. with Del	
8	9/4		not a cross with Del	
9	8/23			Cross
10	8/10			Cross
11	8/9			Cross
12	8/7			Cross

393/41

3/22 ^{Cross} 1/25 (SP x SJ) x Shoemud

2

4/1 - 9/5

Cross

3

4/25 8/16 ~~mixing~~ ^{not} a Cross
may be Fortuna

4

8/5

Cross

5

8/5

Cross

6a

died 1/5

7

8/5

Cross

394/41

3/20 ^{1/7} (SP x SJ) x (BK x 5309) Cross

2

4/1 9/5

Cross

3

2 9/7

Cross

4

9/1

5

9/2

6

8/31 Haso club type
(female, 2007, 14)

7

8/30

8

9/1

9

8/31

10

9/1

11

8/30

12

died

13

8/24

14

8/30

Open a pop. of each of these as they were coming

394/H 15

~~16~~

395/H 1 4/3 9/13 (SPXST) x B3715NIP3

2 3/26 9/12 all highly sterile

3 3/26 9/15

4 3/26 9/15

5 9/13

6 9/12

7 8/5 like former may be a plant brought in through mouse

8 9/13

396/H 1 3/31 ^{8/16} (SPXST) x B32/H2-8-2-1 (KXD) not a cross

2 3/13 8/15 not a cross

3 3/16 8/17 not a cross

4 3/15 (7/16) Cross5 7/20 Cross6 7/20 Cross

7 8/7 not a cross

397/H 1 3/22 ^{8/14} (SPXST) x HK-11-1C (SXF) Cross2 3/28 (8/6) Cross3 3/26 (8/3) Cross

398A1 3/28 ^{8/15} (SPXST) x B391, RxDm^h cross

2 3/28 died

3 3/30 (7/20) cross

4 3/28 8/15 not a cross

5 3/26 (7/18) cross

6 } cross

7 } fellow-unknown hybrid cross

8 } cross

399A1 3/22 ^{9/20} (SPXST) x C2854-3 R^{cy} cross

2 3/22-9/1 cross

3 3/22-9/1 cross

4 3/19 - 8/31 cross

5 8/23 cross

6 8/26 cross

3910A1 3/15 ^{(8/1) + 8/23} (SPXST) x B2920B99-1/1 cross

2 3/19 (8/7) cross

3 3/15 (8/6) cross

4 3/22 (8/4) cross

5 3/30 8/8 cross

6 7/28 cross

7 8/2 cross

3910A 8 8/2 cross

9 8/2 cross

10 7/30 cross

11 8/1 cross

3911A1 3/28^{8/29} (SPXST) x B2912A13-2-2-1-1, K x BR cross

2 3/24 - 8/29 cross

3 3/24 - 8/30 cross

4 3/20 - 8/29 cross

5 3/29 - 8/29 cross

3912A1 3/17^{8/28} (SPXST) x B2912A13-2-2-1-1, K x BR cross

2 3/22 8/26 cross

3 3/19 8/29 cross

4 3/13 8/30 cross

5 8/22 cross

6 8/24 cross

7 8/25 cross

8 8/23 cross

9 8/20 cross

10 8/22 cross

11 8/19 cross

12 8/24 cross

3912A13	8/18	Cross
14	8/18	Cross
15	8/17	Cross
16	8/25	Cross
17	8/26	Cross
18	8/24	Cross

3913A1	7/20	B283A3-5 4-1-1 x Shore pollen from T. tube
2	7/20	"

3914A1	7/20	pollen from T. tube + dig mix
2	8/10	"

3916A1	S2914A18-3-8-13 x B283A 3-5-4-1	pollen stored in refrigerator
2	note cross	
3		

4 Black hulls, Very unseed

3919A 1 - 7/10	I-6121-3 x Blue Rose	Cross
----------------	----------------------	-------

2 - 8/27		Cross
----------	--	-------

3 - 8/29		Cross
----------	--	-------

3920A1	8/24 CI-6011 x Blue Rose	Cross
--------	--------------------------	-------

2 8/23		Cross
--------	--	-------

3921A1	CI-6011 x CI-5309	Cross
--------	-------------------	-------

2		Cross
---	--	-------

OK in 1940

5309 OK in 1940

3922A1 Blue Rose x CI-5309 cross

2

photo cross

3

cross

5309 OK in 1940

3923A1 CI-5309 x Blue Rose cross

3924A1 CI-5309 x Blackhill Red cross

2

3925A1 CI-3212 x CI-5309

Jones crosses

3926A1 cross 1 x cross 4

2

3

4 pr base

5

6

7

8

9

Q = Ugood in 1940

3927A1 cross 1 x cross 4

2

3

4

5

3927A6 Cross 1 x Cross 4

7

8

pr base

9

pr base

10

11

12

13

3928A1 Cross 2 x Cross 3

2

3

4

5

6

7

8

9

10

3929A1 Cross 2 x Cross 3

2

3930A1 Cross 2 X Cross 3

3931A1 Cross 2 X Cross 4

2

3

3932A1 Cross 2 X Cross 4

2

3

4

5

6

7

8

9

10

11

12

3933A1 Cross 2 X Cross 4

2

3

4

5

3933A6 Cross 2 x Cross 4

7

8

9

10

11

12

3934A1 seeds from 392704 (haploid)

2

3

4

3935A1 seeds from sterile Ascaris (large seed)

2

3

4

5

6

7

8

9

10

all appear normal
embryos fertile

3935A/1 Seed from sterile Andria (large seed)

12

13

14

15

16

17

3936A/1 Seed from sterile Andria, small seed

Is a rather small plant but extremely fertile

3937A/1 Very large seed from (SP x SJ) x SBR (39-7158)

1. large seed, but fertile - normal appearance?

3938A/1 Seed from 38-3033? haploid

Unknown, prob 39

3212X?

126011 Cross

398A 6 (SP x SJ) x B391, R x D

Cross

7

"

8

"

Storm Proof (many plants)

Spain Gap (5 plants)

CI- 4074 (many plants)

CI- 6248 - 10 plants

CI- 6993 - 4 plants

Parents 39 crosses (started on 9/1)

B2920 H9-9-1-1

4/1 - 3/29 - 4/1

5/25 - 8/24 - 8/20

B2912 H13-2-2-1-1

4/3/19 - 3/19 - ?

8/30 - 8/30 - 8/31

Shelmad

3/27 - 4/1 - P

8/10 - 8/10 - 8/10

B391, RxD

4/25 - P - ?

8/16 - 8/14 - 8/14

39-7033 (HL-11)

3/30 - 3/28 - 4/1

8/16 - 8/16 - 8/16

39-3282 (BR15309)

3/26 - 3/26 - 3/26

9/4 - 9/3 - 9/4

Parker BK

4/3 - P - ?

9/4 - 9/5 - 9/4

Pharo

4/16 - 4/21

Delitua

3/30 - 4/2 - P

8/21 - 8/25 - 8/24

B32192-8-2-1

3/25 - 3/29 - 3/30

8/26 - 8/25 - 8/22

39-201, Nina Sel

4/13

39-7127 3 pl

9/4 - 9/6 - 8/21

39-7120 - 3 plants

~~38-4061, Tx 1438, like triploid~~

~~Haploid Caloro pl-1 (moved see page 30)~~

Caloro, P15-1, pl-3 tetraploid

R4420, non head

Early Prolific, Triploid

~~Late Haploid (moved see page 30)~~

Row 1390, Triploid

Caloro, Tetraploid, Early 1939

20 prob $2N+1+1$ according to
green mother cells.

Caloro, P15-1 pl4, Triploid

Shoemed x Kameiji, Haploid

1121-3 x 3212, Haploid

241B-7-29, Haploid

81C x Blue Rose, Haploid

Row 4426, Haploid

3 died:

Wamix x Fortuna, Hapl

Calady Haploid

R-4422, non head

BR Turnus Tyrrell

BR Turnus Tyrrell

BR Tyrrell

Rexoro N. moliniae conidia
inoc. 9/2 plants

Harvest this

Rexoro N. bardayana chlamydo-
spores in soil - not planted after
3/4/40 125 plants
4/4/40 rest of lot -

Rexoro N. bardayana Soil inoc
5/1/40 from 6/17/40

Harvest this

391A2

6/17/40

392A1

392 A2

393 A1

394 A1

394 A1

North, 394 A1 Shattered into
water in pan

394 A2

395 A

396 A2

396 A4

397A1

Wm 6/17/40

397A2

398A1

398A3

398A4

398A5

399A1

399A3

39974

3910 A1

3910 A2

3910 A3

3910 A4

3910 A5

3911 A1

3911 A2

3911 F3

train 6/17/40

3911 F4

3911 F5

3912 F1

3912 F2

3912 F3

3912 F4

2nd generation Caloro colch treated
Seeds. (Large seeds from several 1939
treatments were grown in greenhouse +
seed produced grown in nursery)

2nd generation of 4-hr cold treatment on 38-3033 haploid

From seed from original 4-hr treat
cold on 38-3033 haploid
(Broken up into 5 shots)

From seed from original 94 hr treat
7 cold on 38-3033 haploid
(Broken up into 5 plants)

BR X 5-309 F3 plant
from F3 family 59-7209 original

1939 Fort cold #1

Br cold treatment #5-1939

2 sub made
looks like normal BR.

1939 BR cold #5

cer resistant plant 5-

1939 BR cold cer. resistant
plant treatment #5

trans 6/17/40

BR Breeding true

~~BR~~
~~CO resistant~~

Transpl. 7/29/40

Plant 39-3089 shoot soaked
2 hrs in .5% colch.

1938 Edith Haploid shoot soaked
2 hrs in .5% colch.

9 cups 38-3033 haploids, Blue Rex and
F₁ Colma x cabernis shoots
treated with .5% colch. by use
of a hypodermic needle.

Double embryo plants from Crowley,
transplanted to field 7/29/40
Row 767 (cr) 2 plants

S x D (cr) 2 plants

Jones Caloro P[#] 2840 Tuxia (both lined)

Jones Caloro [#] 2840 " "

Jones Caloro [#] 2840 " "

= 1 41-3 (Crowley) P x pr " "

Shamed (Crowley) 1 shoot only

Row 785 S x D (Crowley) 2 plants

2308 (Crowley) BR x (BR x R) 3 plants

Row 794 (unlabeled) RxD 3 plants

(SxR)xD (unlabeled) 12 plants

Scutell embryo plants from Beaumont.

3911A3 single shoot

3911A3 Twins

3911A3 Twins

3912A4 single shoot

39?A single shoot

39?A Twins

39?A Twins

39?A Twins

39?A Twins

Unless designated "Twins" one shoot has died.

new Row.

39-2704 haploid (moved from
no 338 page 15)

39-4157 haploid (moved from ^{no} 342
page 15.

Caloro pl-1 haploid from Jones (moved from
page 25)

Latex haploid (moved from page 25)

Rex inoc with N. bare. 5/16/40

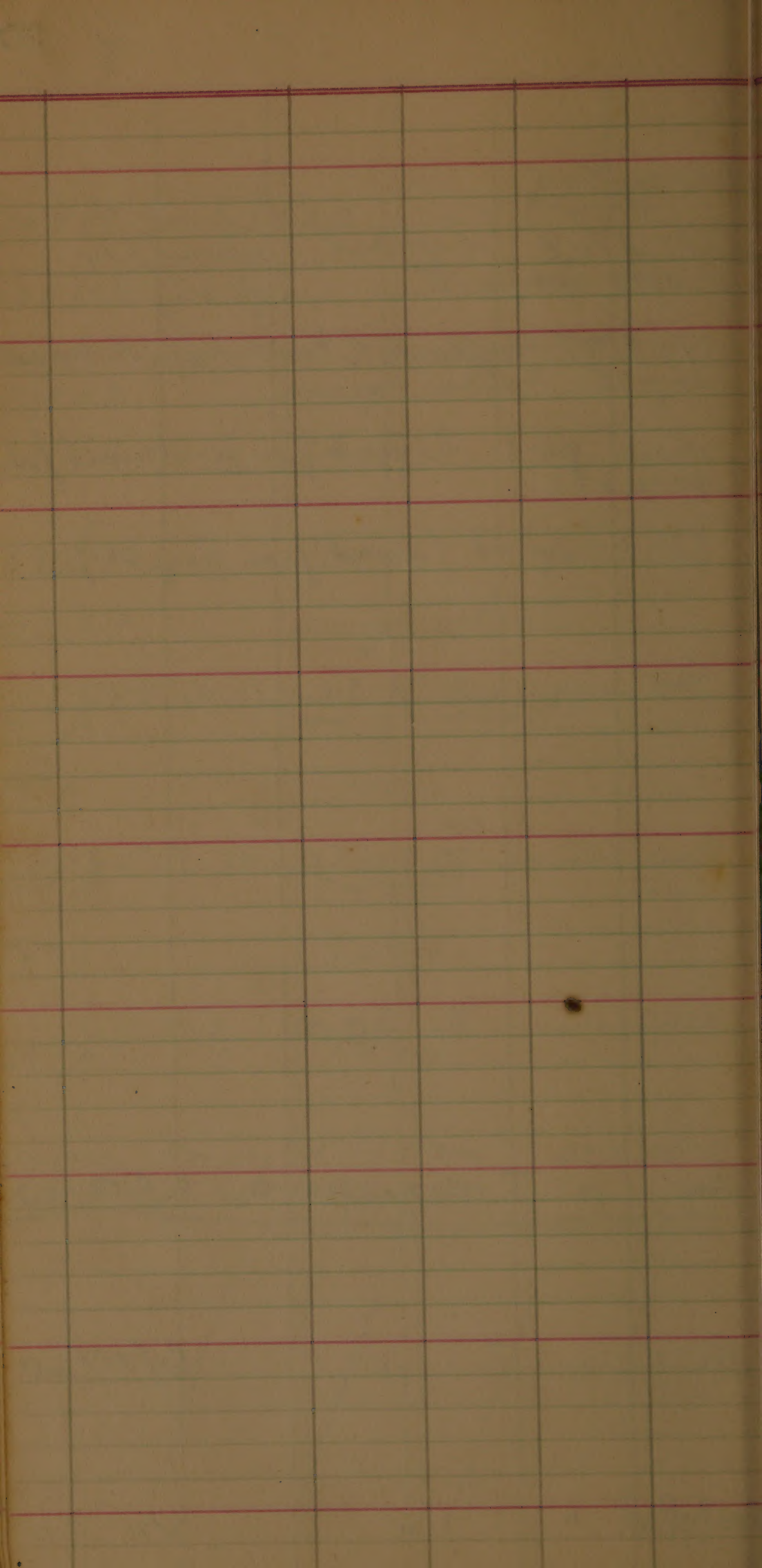
Rex inoc N. molle 5/29/40

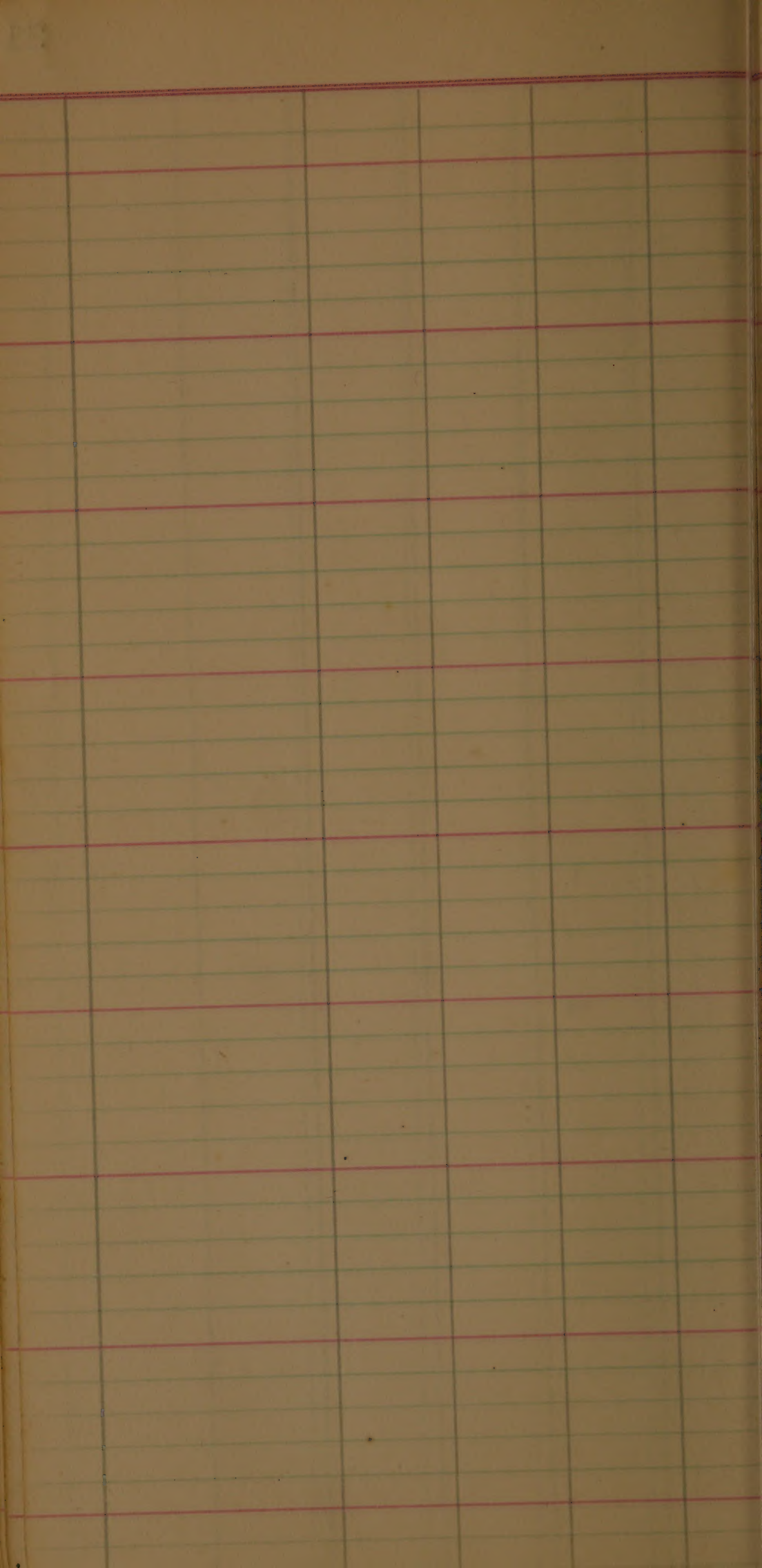
Rex " N. bare 5/1/40

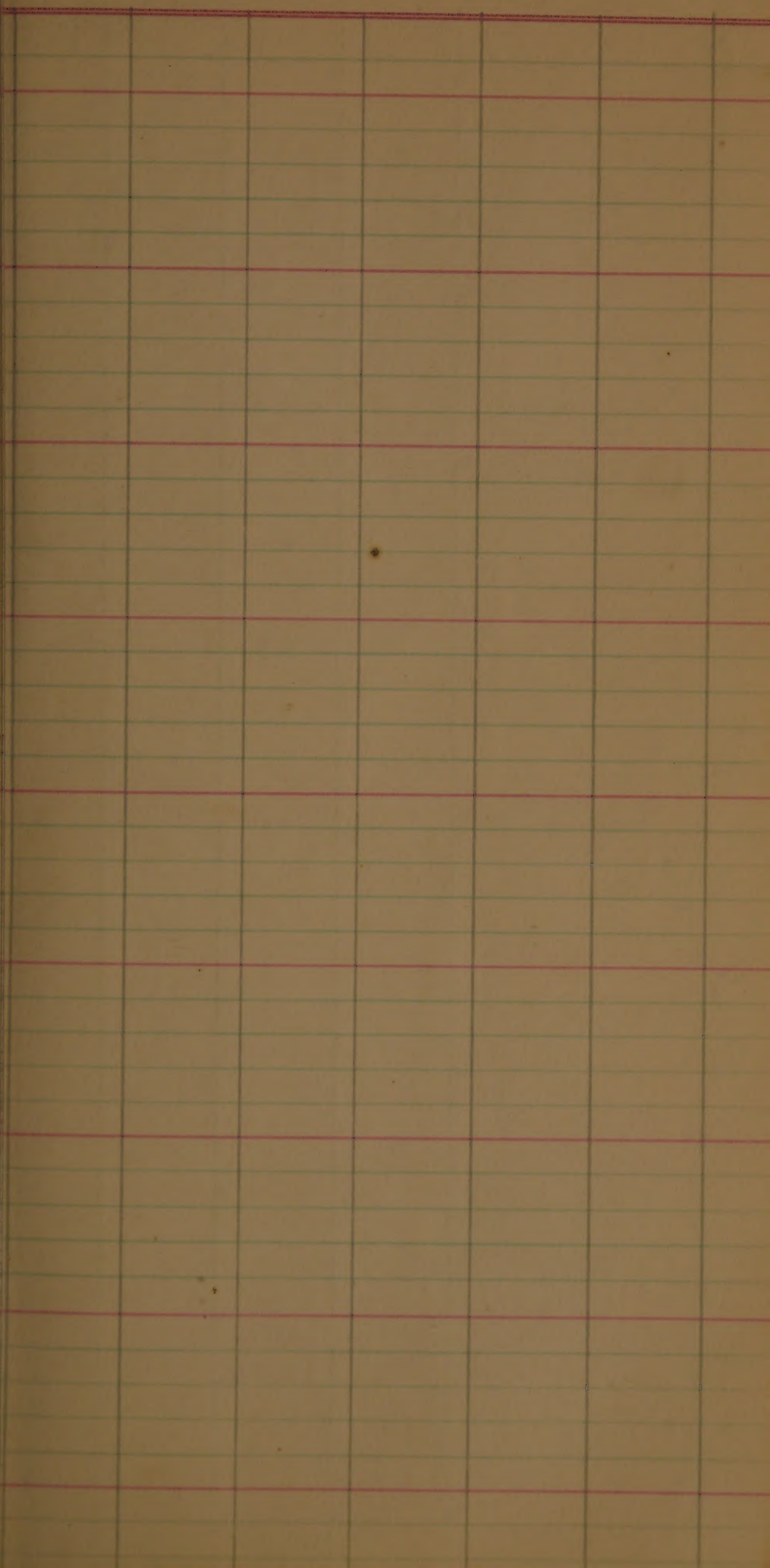
Rex " T. nequippora 6/17/40

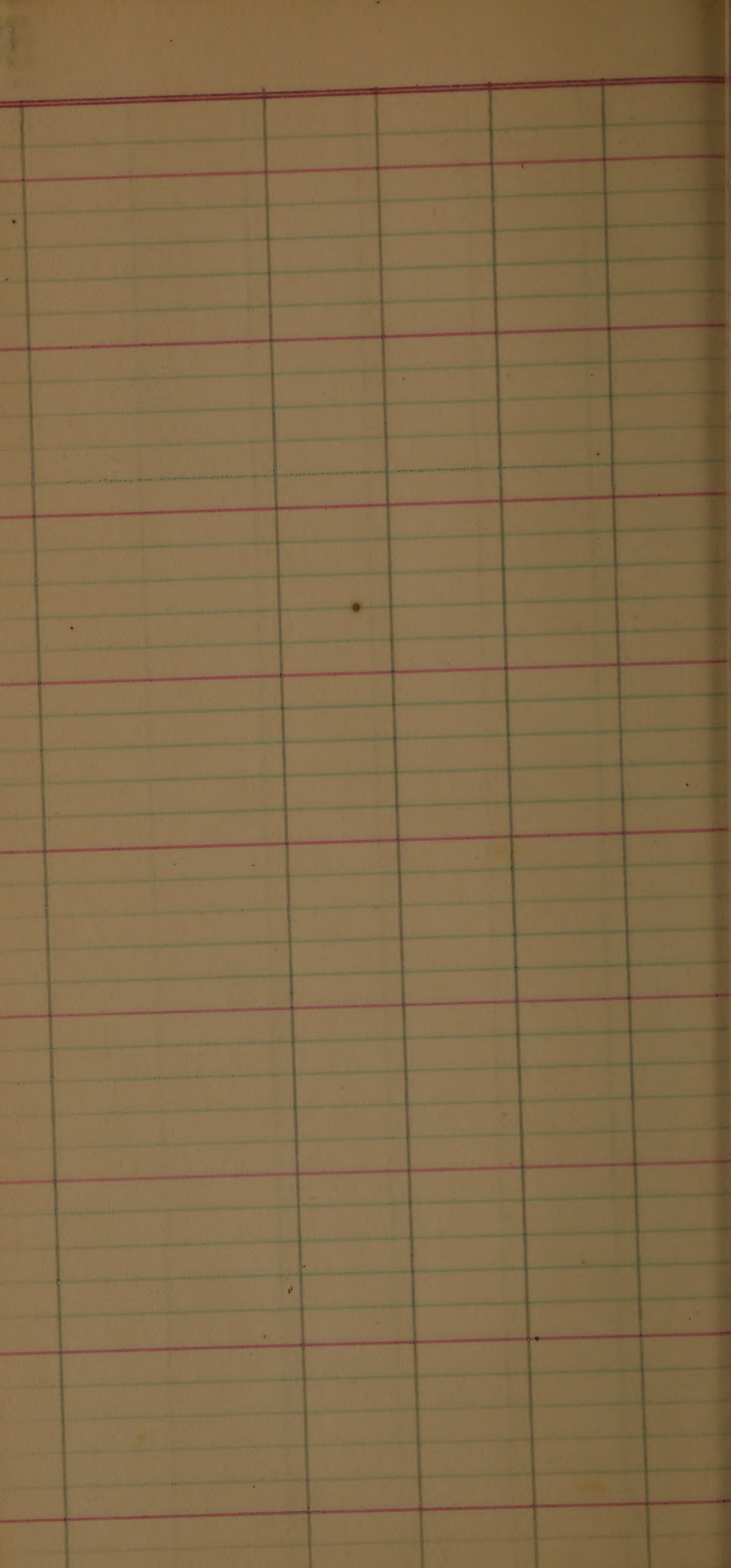
Rex " T. " 6/11/40

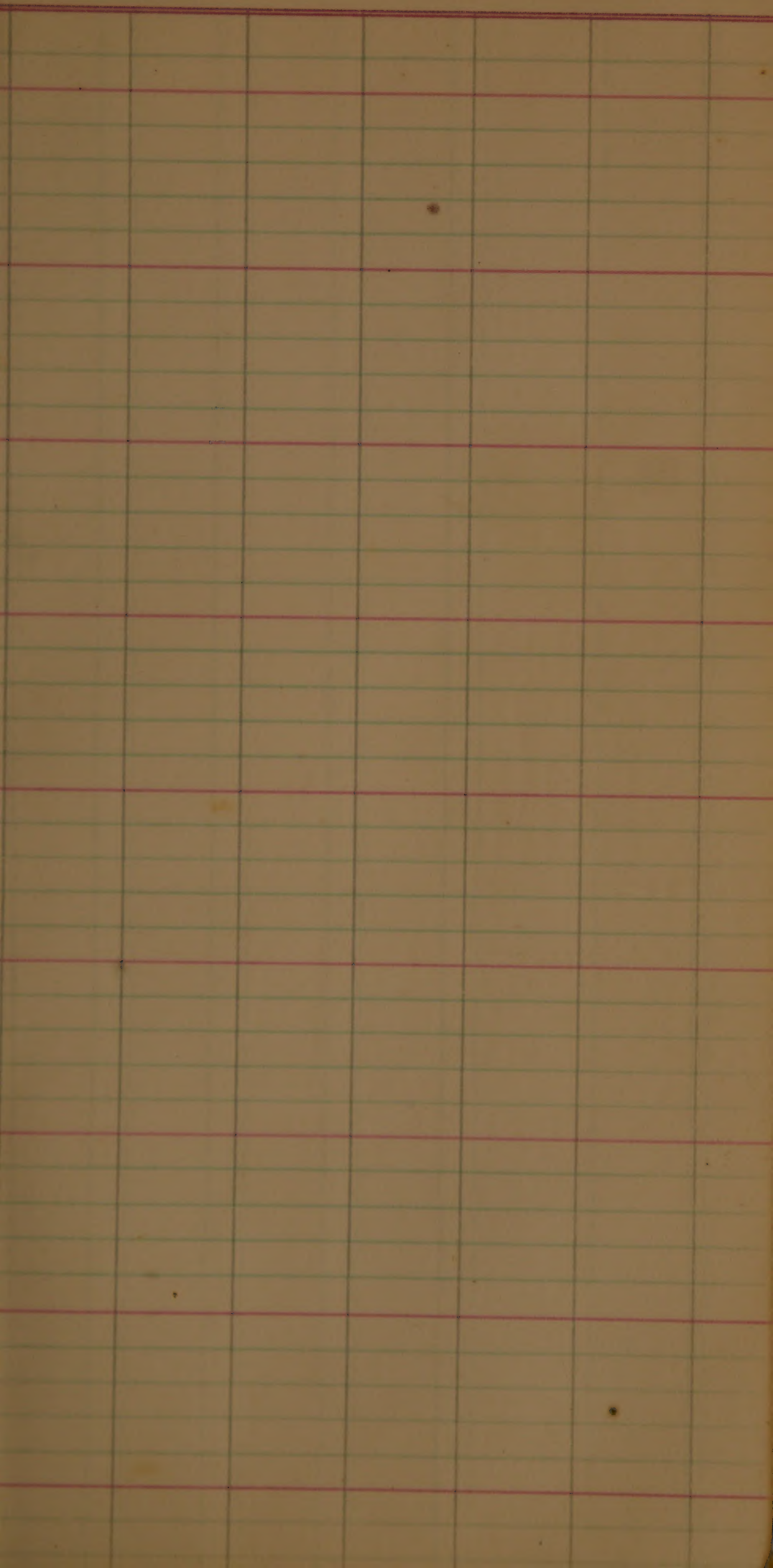
Early Prod " " 6/11

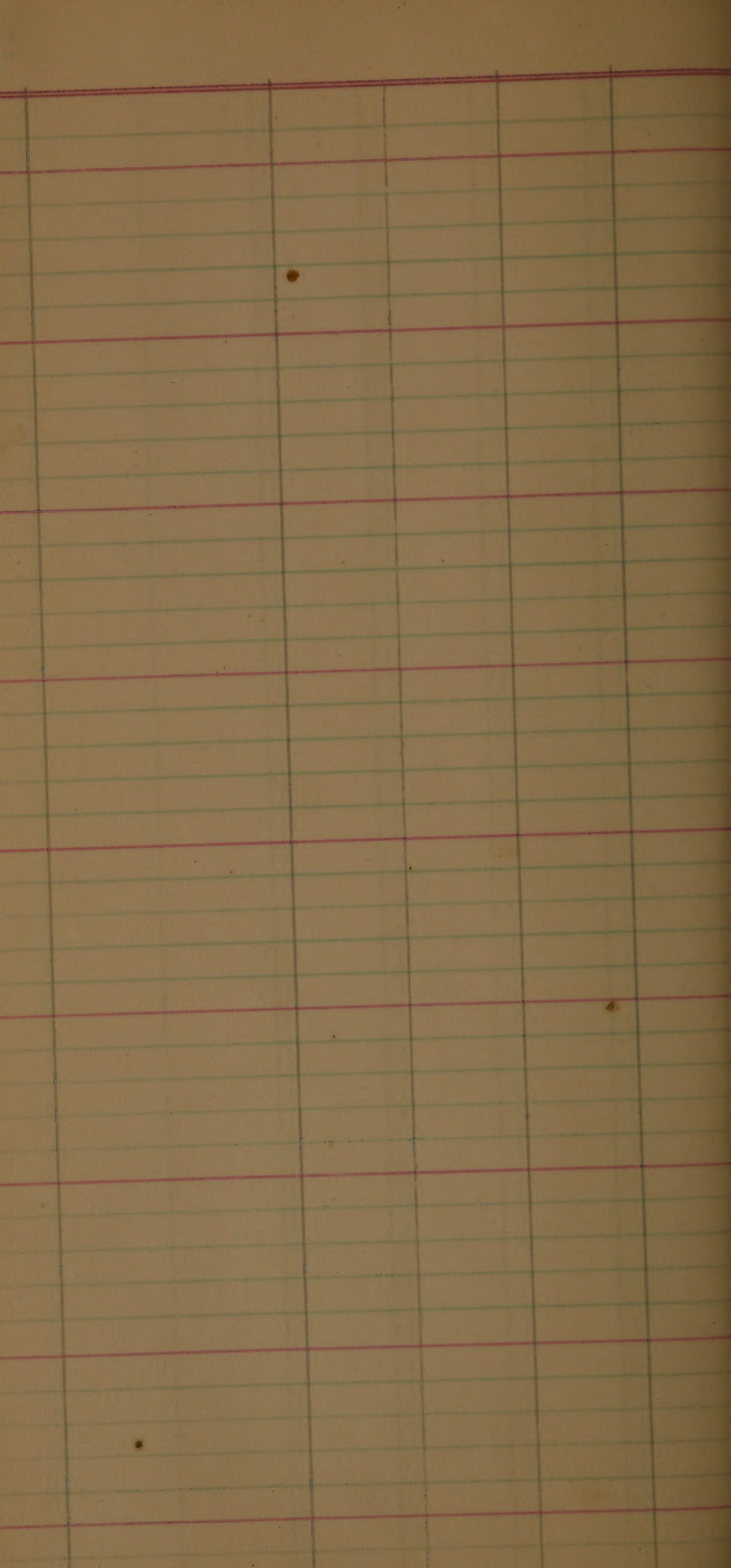


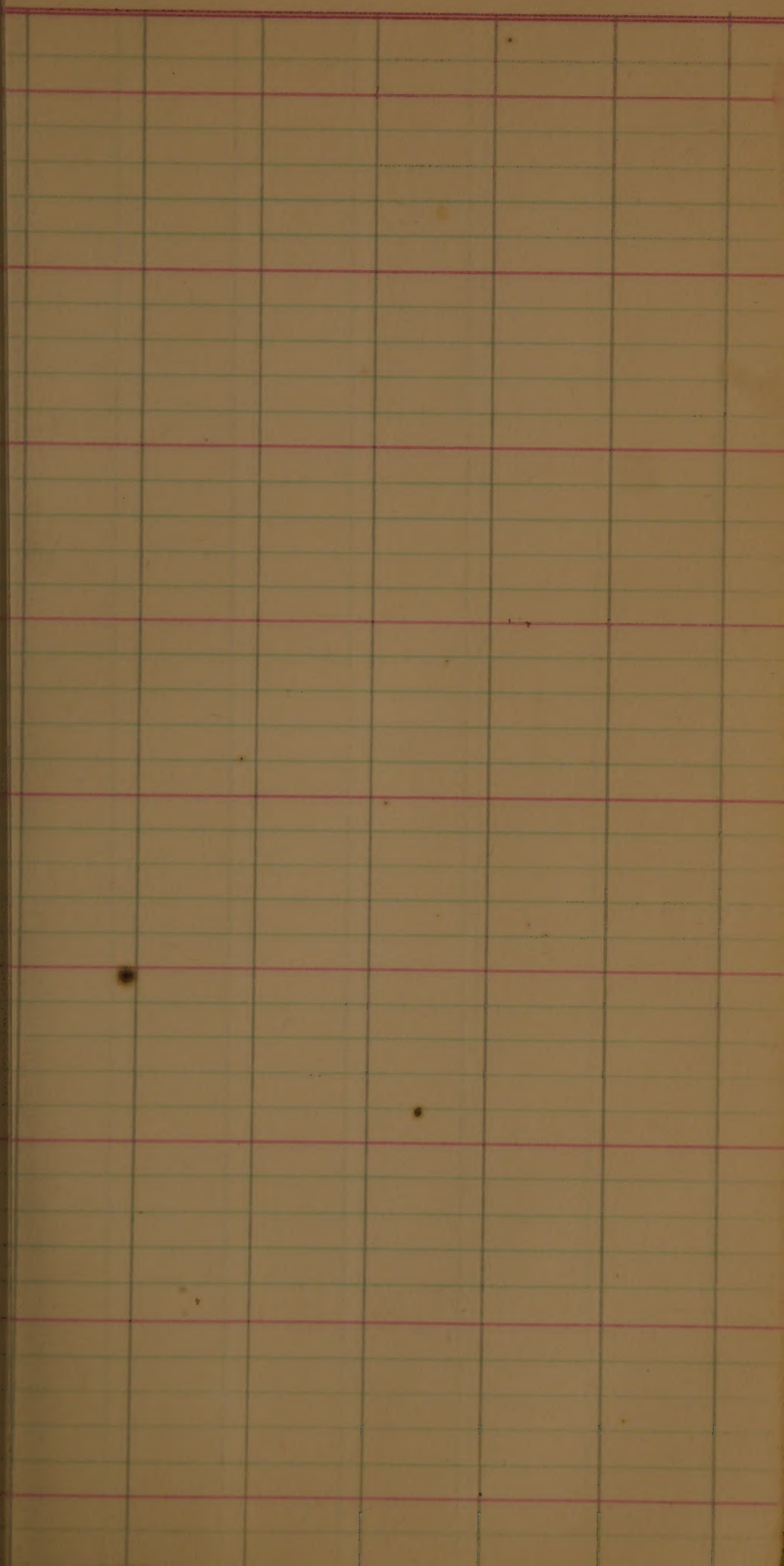


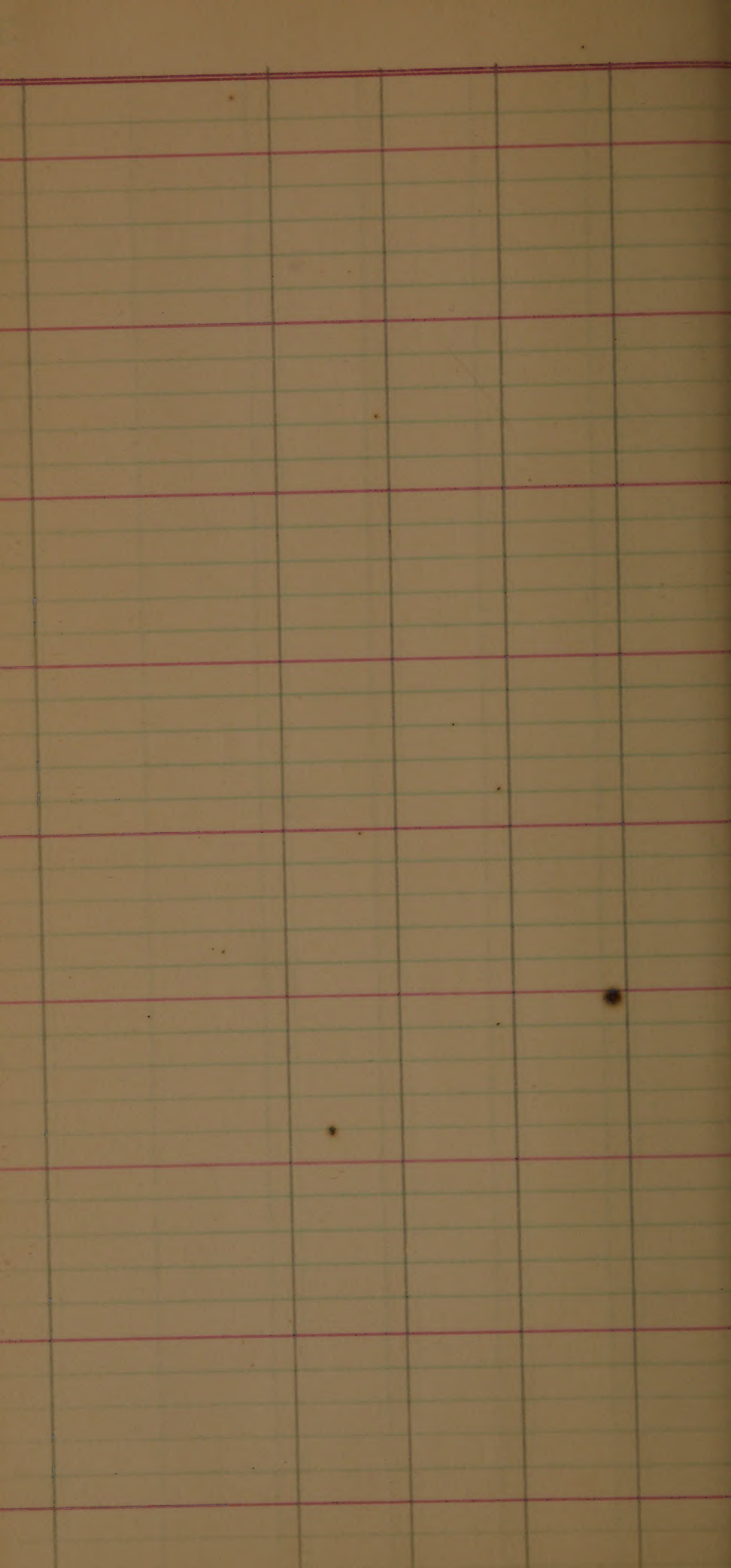


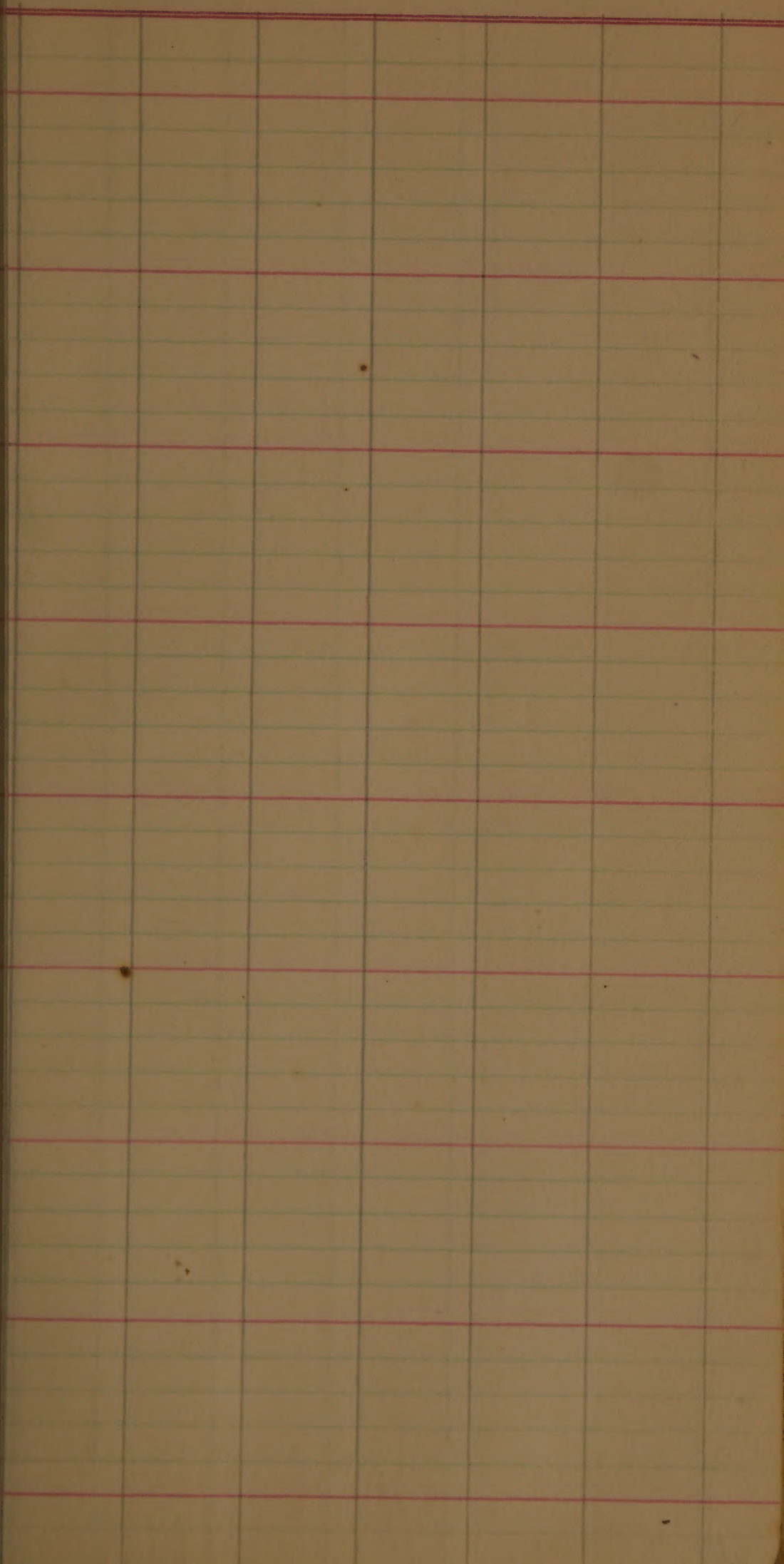


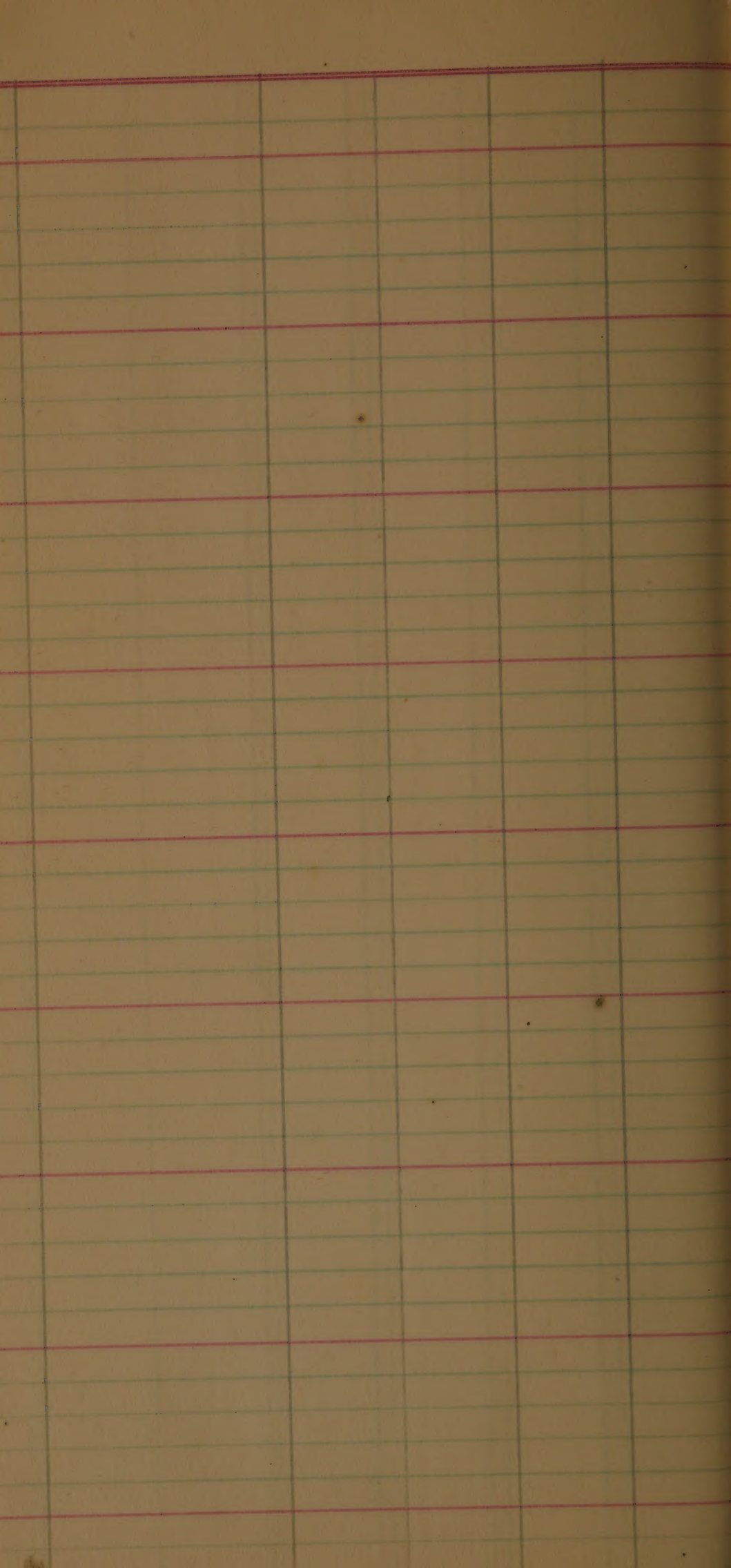












3722A

Fortuna x Blue Rose (F₃ lines)

		Hulls	apex	apic	stig
		P-R-St		P-R-St	
8001	7/25	P	P	P	P
I-E	7/30	seg	seg	seg	seg
I-M	8/11	11-12		14-6-6	
1 v late plant on 8/27 result to Arc.					
Since Arc. except 1 plant					
8002	7/27	P	P	P	P
I-E	7/28	seg	seg	seg	seg
	8/11	8-1-10		13-1-5	
Since Arc.					
8003	7/21	P	P	P	P
	8/1	seg	seg P+H	seg	seg
Since Arc.	8/12	14-0-11		18-0-7	
1 v labon					
8004	7/29	P	P	P	P
I-E	7/27	seg		seg	seg
Seg Arc.	8/12		10 pr	15-7-9	
1 v lab					
8005	7/30	P	P	P	P
Resist seg	7/30	seg	P	seg	seg
3 v seg. later	8/15			15-0-10	
about 8/26					
8006	7/26	P	P	P	P
I-E	7/28	seg	seg	seg	seg
	8/10		15 pr	19-0-10	
Seg. Arc.					
8007	7/28	str	~	~	~
I-E	7/31	str	seg	red	lp
	8/12		red + str	1 pr	
Seg. Arc.					
8008	7/28	str	st	P	P
I-E	8/5	stam	color in	117-6	seg
Var 2 imp	8/22		apic only		
Seg Arc.					

		Halls	aper	apic	Shig	
		pr-R-St				
Var 2nd	7/25	str		st	W	8009
	7/27	str		st	W	
	8/10					
1 late						Succ Arc
	7/29	str	no pr	P		~ 8010
	7/29		in apic	17-2-4		
	8/11		apic only			Seg Arc
	7/28	st			~ W	8011
	7/31	sig red + str			31 al red W	1-E
	8/20	in hulls				Seg Arc
	8/20	in some plants				
	7/25	P		P	P	8012
	7/28	14-0-6		P	P	
	8/10					Resist Arc
	7/27	P		P	P	8013
	7/30	7-1-9		10-0-6		3-E
	8/12					Seg Arc exact zone
	7/28	P		P	P	8014
	7/28	15-7-9		14-7-5		2-E
	8/9					Seg Arc
	8/7	st			W	8015
	8/8	st			W	
	8/19			0-15-1		Seg Arc
2nd group	8/10	st			~	8016
	8/1	shall be mnd.			~	lp 1-late
	8/19			23 all		Seg Arc
1 late or seg	8/27					

		Hulls	apex	apex	stg
8017	8/5	st	st	st	W
1-E	7/30	st	st	st	W
Reast - <u>2nd</u>	seq			9 all st	W
	8/22				
8018	8/6	st	n	n	W
Reast Arc	7/30	st	seq	n	lp
	seq			20 all	
	8/20			red.	
8019	8/5	st	n	n	W
age & M	8/5	st		n	W
Reast Arc	8/9			19 n	
6-E				1P	
8020	8/8	P	P	P	P
3-E	8/5	seq	seq	P, R + q	seq P + W
Seq Arc	seq	8 pr		9-2-3	
2 later	8/28				
8021	8/8	st	n	n	n
"	8/6	st		10 n	lp
seq	8/20			1 pr	
Seq Arc					
8022	8/7	st	P	P	P
1-E	7/30		seq	seq P, R + q	P + W
Seq Arc	8/16	13 pr		12-3-5	
	seq				
8023	8/6	st	st	n	W
1-E	8/4	st	st	n + st	W
Seq Arc	8/17			12 - 4	
8024	8/2	st	st	P	P
1-E	7/28	st		11 - 2 n	2W
Seq Arc	8/12	pr in apex		10P-3n	
		only			

		Hulls	APEX	APIC.	stg	
	8/10	st	st	P	lp	8025
11E-	8/6	st	st	seg P+R	seg P+W (sub: W)	
	seg			9-7-1		
	8/24			gr. maple	Since are	
				Hard.	Unit has non-dy-a	
3E-	8/1	P	P	P	P	8026
	7/29	14P-11st	14P-11st	18P-7R	seg P+W	
	8/10					Since are
1E-	8/10	lp	P	P	P	8027
13E-	8/8	12 pr		P		1-E
	seg					Resist Arc
	8/26					
	8/5	lp	P	P	P	8028
13E	7/29	12 pr		14-5-6	seg P+W	1-E
	seg					Resist Arc
	8/21			through	few more.	
	8/5	st	st	P	P	8029
uni	8/1	pr		19-11-0	seg P+W	3-E
	8/13					Seg Arc
	8/7	P	P	P	P	8030
19E-	8/8	22 pr	5 pr in	27-6-0	P+lp	1-M
	8/20		apic only			Seg Arc.
	seg					
	8/1	st	P	P	P	8031
uni	8/1			10-5-6	seg P+W	1-E
	8/13					Resist Arc
	8/3	st	P	P	P	8032
uni	8/1			14-5-12	seg P+W	1-E
	8/12					Seg Arc

		Hulls	APEX	APIC. O. GL.	
8033	8/8	lp	P	P	P
15E -	8/6			P	Red = AP P = P
Seg Arc	seg				
	8/25				
	except 10 lbs				
8034	8/2	lp	P	P	P
3-E	13E -			P	P + P
Seg Arc	seg				
	8/27				
8035	8/7	lp	P	P	P
2E uni	8/4			9-3-5	seg + W
Seg Arc	8/17				
8036	8/5	lp	P	P-P	P
2-M uni	8/5	8 pr	2 with	10-2-0	P + lp
Seg Arc	8/14		for in apic only		
8037	8/10	st	st	P	P
Van	seg 8/8			5 gr	W
Seg Arc	8/21			1 pr in apic only	1 P.
8038	8/8	st	~	~ - ~	~
uni	8/6			7~ - 5 gr	HV + W
Seg Arc	8/16				
8039	8/4	st	st	st	st W
uni	8/6	st		11 gr	W W
Seg Arc	8/14				
8040	8/6	st	st	P	st
1-E	8/7	color in		19-7-0	0 gr = 19/100
Seg Arc	8/20	apic only			7 P
	seg				seg + W

	Hulls	APEX	APIC	APIC	O. GL	step
Var 2nd 2 plant 8/24	8/6 st	st	P	P	st	P 8041 1-M Resid Arc
8/10 st	8/10 21 pr	4 pr in apic only	P	P	P	P 8042 seg P+W 5-E Seg Arc maybe few succ
8/3 st	8/4 4 pr	2 pr in apic only	P	P	P	P 8043 seg P+W 1-E Seg Arc
8/7 st	8/6 14 pr	4 pr in apic only 18-4-6	P	P	P	P 8044 P+W 1-E Seg Arc
8/8 st	8-8-8/4 6 pr	P	P	P	P	P 8045 Seg Arc
5E 8/4 7/27 seg 8/20	6 pr	2 pr in apic only	P	P	P	P 8046 P 6P-2HP Seg Arc
8/4 lp	8/6 14 pr	4 pr apic only 18-6-0	P	P	P	P 8047 seg 2E P ftz W Seg Arc
12E-8/6 8/24 seg	P	P	P	P	P	P 8048 2-E Seg Arc

		Hulls	APEX	APIC	O. GL	Stig
8049	8/3	ep	p	p	p	p
4-E	uni	7/29	12 p	12-2-4	p + w	
10v	8/11					
2mp.						
seg arc						
8050	8/10	st	st	p	stp	w
3-E	uni	8/11		0-23-10		w
	8/11					
seg arc						
8051	8/20	st	n	n	n	-w
Rept arc	8/14			18R-7st		h+w
2m	8/24					
4-E	0 arc					
8052	8/17	p	p	p	p	-p
1-E	8/18	seg.	seg	alp		p/h
seg arc	8/28	p + st	p + st			
	Prob seg.					
8053	8/17	p	p	p	p	-p
	8/14			seg p + R		p/h
sure arc	8/28					
	Prob seg.					
8054	8/13	p	p	p	p	-p
15E -	8/11			seg p-R-st		p
sure arc	seg					
	8/27					
	seg					
8055	8/16	st	st	p	st	-ep
3-E	13E -	8/11	st	pr in	23-8-0	seg
seg arc	8/27			apic only		p + w
	seg					
8056	8/17	p	p	p	p	-p
15E -	8/10			seg p-R		p/h
sure arc	seg					

Zurong
P. R.

			Hulls	APEX	APIC	O. GL	Steg
8065	8/14	st	N	N	N	N - W	
Var 13E -	8/11				seq		
2mp	seq				R + St		
Succ Arc.	8/27	Succ Arc.					
8066	8/14	st	N	N	N	N - W	
4-E	8/15				R		
1/2 seq arc	8/24						
	<u>seq Arc</u>						
8067	8/13	lp	P	P	P	P - P	
16-E -	8/2				seq		
Succ Arc.	seq				P + R		
	8/24						
8068	8/28	st	N	N	N	N - W	
3-M + L 8E -	7/31				seq		
2mp	seq				R + St		
seq arc	9/5						
8069	8-27	st	st	st	st	st W	
3-seh 7E -	7/31				st		
seq arc	seq						
	9/10						
8070	8-31	P	P	P	P	P - P	
1-seh 9E -	8/2				seq		
seq arc	seq				20-6-11		
	9/4						
8071	8-27	st	st	P	P	P	
2-seh 6E -	8/11		st		seq		
seq arc.	seq				P - R + St		
	9/7						
8072	8-26	st	st	st	st	st - W	
4-seh 6E -	8/11				st		
Seq arc	seq						
	9/6						

	Nulls	APEX	APIC.	O. GL.	Steg
	pr-st		pr-st		
8-27 4E 8/2 seg 9/7	lp	P	P 12-1-5	P	P 8073 1-sel seg arc
8-28 11E 8/4 seg 9/8	st	st	st str	st	st 8074 1-sel seg arc
8-25 7E-8/2 seg 9/5	st	st	st str	st	st 8075 5-sel seg arc
8-28 7E-8/8 seg 9/6	P 24-18	P 24-18	P 29-13	P	P 8076 1-sel seg arc
		(5 pr in R apic)			
8-31 13E 8/7 seg 9/14	P 25-15	P (8 pr in R apic)	P 33-7 (pr+R)-st	P	P 8077 seg arc 1-sel
8-25 13E 8/7 seg 9/14	P	P	P 30-5 (pr+R) st	P	P 8078 2-sel arc seg
		removal pr in apic only			
9-3 2nd 9/1 9/14	st	st	st 16 str	st	W 8079 arc +
9-8 8E-7/31 seg 9/17	st	st	st 29 str	st	W 8080 arc pr 1 sel

8081	9-6	st	st	st	st - W
2-sels 4E	8/2			21 st	
2 uni	seg				
	9/18				

arc +

8082	9-6			22 st	
	1/3				
Rest Arc	9/17				
	uni				

8083	9-10			15 st	
	9/13				
Arc +					

8084	9-2			27 st	
	8/31				
Arc present	7/6				
	uni				

8085	9-9			24 st	
1-sel 4E	8/5				
	seg				
Arc +					

8086	9-2			36 st	
2 selb 11E	8/1				
Arc present	seg				
	9/10				

8087	9-2			24 st	
2 selb 7E	7/31				
Arc present	seg				
	9/15				

8088	9-8				
	9/5				
Arc +	9/16				
	uni				

9-4 5E 8/1 2mb seg 9/10	st	st	st	st	W 8089 circ Present
9-3 8/31 7/7		do			8090 circ +
9-6 9/4 9/15 uni		do			8091 circ +
9-1 5E-8/2 seg 9/14		do			8092 circ Present
9-7 8E-8/6 seg 9/7		do			8093 1-sel circ Present
9-9 9/6 9/16 uni		do			8094 circ +
9-9 4M 8/15 9/17		do			8095 circ +
9-4 4M 8/16 seg 9/15					8096 circ +

		Hulls	APEX	APIC	D. GL	Stig
8097	9-9	st	st	st	st - st	
1-seg 6M	8/19			red-str		
circ Present	9/15					
8098	9-2		do			
6E	7/30					
arc +	seg					
	9/20					
8199	9-9		do			
	8/19					
circ.	9/16					
	seg					
8100	9-4		do			
2-seg 13E	7/28					
circ Present	seg					
	9/17					
8101	9-4	st	st	~	st - W	
1-seg 5E	8/4			18-5	W	
circ Present	seg			st red		
	7/15					
8102	9-1					
6E	7/30					
circ Present	seg			17-9	W	
	9/14			st red		
8103	9-7					
5E	8/4					
circ Present	seg			21-5	seg	
	9/18	color in	apic only.	20 printed	4/18	
8104	9-6					
3-seg 4M	8/11					
circ Present	seg			13-6	W	
	9/20	color in	apic only.	st R-L		

	Hulls	APEX	APIC.	O. GL.	Stig
9-7	st	st	r	st	W 8105
1M-8/11			12-7		seg ep+w
seg			pr. not red		are present
9/16	color in apex only				
9-10	st	r	r	r	W 8106
10E-8/2			21-4		seg un+w
seg					are present
9/15	Red color into hull + apex				
9-6	st	r	r	r	W 8107
8/17			18-7		?
seg					are +
9/16	color into hull + apex on some segments				
9-6	st	r	r	r	W 8108
10E-7/29			25 red		seg
seg			(29)-5		ep+w
9/16			pr + red at least 18 pr		are +
9-5	st	r	r	r	W 8109
6E-8/7			21-11		W 1-seg
seg			1/4 pr		are present
9/18					
9-5	st	r	r	r	W 8110
6E-8/5			18-3		W
seg			1/4 pr		are present
9/17					
9-1	st	r	r	r	W 8111
4E-8/4			12-10		1-seg
9/16			seg pr + red		are +
	some red in apex & hulls.				
9-9	st	r	r	r	W 8112
3E-8/2			14-4		un+w
seg					are present
9/20					

		Hulls	APEX	APIC	O. GL.	Stg
3513	9-7	st	n	n	n - W	
7E- 8/6				(12-5)		seg
2-seeds	seg			pr + red		lpW
9/20						
Circ present						
8114	9-6	lp	P	P	P - P	
5E- 8/8		seg P + St		13-4-7		seg
seg						lpW
9/13						
Circ present						
8115	9-6	P	P	P	P - P	
9/4		seg P + St		16-5		seg
(P. seg)		stems with pr in apic only				lpW
9/15						
Circ +						
8116	9-1	P	P	P	P - P	
9E 8/1		seg P + St		(20) 7		lpW
seg				20 around		
9/16						
Circ +						
8117	9-4	P	P	P	P - P	
10E - 7/29				P + R		lp
2-seeds	seg	stems with pr in		26 plants		
9/17		apic only		found		
Circ +						
8118	9-7	P	P	P	P - P	
3E - 8/4		seg P + St		(16 + 6)		seg
seg				(few)		lpW
9/17						
Circ +						
8119	9-9	lp	P	P	P - P	
1E - 7/30		P + St		13-3-6		seg
seg		few with pr apic only				lpW
9/19						
Circ +						
8120	9-7	P	P	P	P - P	
12E - 7/29		P + St		28 plants		seg
seg		few with pr apic only		all colored		lpW
9/20				pr + red		
Circ present						

	Hulls	APEX XIV	APIC	O. GL	Slip	
9-4 8E-8/8 2M-9/16	P P+St	P	P 23-8-7	P	P lpW	8121 are present
9-9 5E-7/29 9/19	P seq P+St	P	P 21-3	P	P seq PW circ +	8122
9-6 4E-8/12 9/18	P P+St seq 14-14 (6 propis only)	P	P 20-8	P	P seq PW circ +	8123
9-2 7E-7/30 9/20	lp seq P+St seq 16-12 (6 propis only)	P	P 22-6	P	P seq PW circ +	8124
9-10 7E-8/10 9/16	P seq P+St seq 9/16	P	P 21-10-14	P	P seq PW circ present	8125 5-sele
9-1 7E-7/30 9/14	lp seq P+St seq few with propis only	P	P 27-6	P	P seq PW Circ Present	8126 3-sele
9-7 6E-8/8 9/16	P P+St seq few with propis only	P	P 20-7-9	P	P 2-sele Circ +	8127
9-10 2M-8/18 9/20	P seq P+St	P	P 14-8-12	P	P seq PW Circ +	8128 2-sele

		Hulls	APEX	APIC.	O. GL	Stig
8129	9-10	lp	p	p	p - p	
1-sub	6 E - 8/11			20-7-9	sig	
Circ +	seg				p + W	
	9/11/90					
8130	9-1	lp	p	p	p - p	
5 E - 8/4	seg P1st			23-8	seg	
Circ +	seg	if p in apic only			p + W	
3-sub	9/4					
8131	9-1	st	st	p	st - p	
6 E - 8/10	st			22-3	seg	
Circ +	seg					
	7/16					
8132	9-1	st ^v	p	p	p - p	
8/24	seg P1st			19-11	seg	
Circ +	seg	(p apic only)				
	9/20					
8133	9-8	st	p	p	p - p	
8/18	seg P1st			7-4		
Circ +	seg					
	9/17					
8134	9-10	st	p	p	p - p	
9/6	seg P1st			20-6-10		
Circ - Reset	seg	(for p apic only)				
	9/10					
8135	9-2	st	st	st	st - W	
9 E - 8/7						
Var	seg					
Imp						
Circ +	9/16					
8136	9-2					
3 sub	6 E - 8/7					
Circ +	seg					
	9/9					

	Hulls	APEX	APIC.	O. GL.	Stop
Var 9-6 5-E-8/7 imp seg 9/19	st.	st	st	st	W 8137 2-sels Circ +
9-4 5-E 8/8 seg 9/18					8138 Circ +
9-1 8/29 9/6					8139 3-sels Circ +
9-9 9/3 uni. P apn 9/6					8140 Circ +
9-10 9/6 apn 9/6					8141 Circ +
9-3 11-E-8/1 apn 9/8					8142 3-sels Circ +
9-3 4-E-8/10 seg 9/8					8143 Circ + 1 sel.
9-2 9/1 uni 9/7					8144 Circ +

		Hulls	APEX	APIC	O. GL	Stij
8145	9-6	st	st	st	st-W	
	4E- 8/7					
Var	seg					
2imp	9/16					
	arc +					
8146	9-10					
	8/30					
	seg					
arc +	9/18					
8147	9-6					
	8/31					
	seg					
arc +	9/17					
8148	9-5					
	5E- 8/6					
arc +	seg					
	9/14					
8149	9-3	st	n	n	n-W	
	7E 8/6	red + sth		15-14		seg
	9/14			HR		19-14
arc +						W
8150	9-4	st	n	n	n-W	
	4E- 8/5	red + sth		15-8		
arc +	seg					
	9/18					
8151	9-4	st	n	n	n-W	
	3E- 8/10			10 all		HR
	seg			red		
arc +	9/16					
8152	9-1	st	st	st	st-W	
	5E- 8/3			30 sth		
	seg					
arc +	9/14					

	Hulls	APEX	APIC.	O. GL	Stg	
9-8	lp	P	P	P	P	8153
Var 8E-7/30	seq		seq			
Imp 9/18	Pd St		P-R-St			arc +
9-6	lp	P	P	P	P	8154
7E-8/10	seq Pd St		seq			
9/18	several pr	P & R	in apic only.			arc +
9-8	lp	P	P	P	P	8155
8E-7/28	seq Pd St		all pr			
after 9/18	21-5					arc +
	5 pr	apic only				
9-3	lp	P	P	P	P	8156
3E-8/10	seq Pd St		seq			
9/15	several pr	apic only				arc +
9-4	lp	P	P	P	P	8157
5E-7/29	seq Pd St		seq			
after 9/18			Pd St			arc +
9-5	P	P	P	P	P	8158
7E-8/5	seq Pd St		seq			
9/17	few pr	apic only.				arc +
9-3	st	P	P	P	P	8159
7E 8/3	seq Pd St		seq			
9/18	few pr	apic only.				arc +
8/22	Blue Rose					8160
9/1						arc +

			Hulls	APEX	APIC	O. GL	Stg
8161	5 E-	9-4 8/11 9/17	lp seg P-St seg	P	P seg P-R-St	P-P	
circ +							
8162	3 E	9-7 8/7 9/18	lp seg P-St seg	P	P seg P-R-St	P-P	
circ +							
8163	5 E-	9-4 8/7 9/18	lp seg P-St seg	P	P seg P-R-St	P-P	
circ +							
8164	6 E	9-3 7/29 9/17	P seg P-St seg	P	P seg P-R-St	P-P	
circ +							
8165		9-8 7/2 9/18	lp seg P-St seg	P	P seg P-R-St	P-P	
circ +							
8166		9-17 9/4 10/1	st seg seg	st st	st st	st-W	
2uh circ +							
8167		9-20 7/10 10/2			st		
circ +							
8168	3 E-	9-18 7/30 9/30			seg P-R		
circ +							

	Hulls	APEX	APIC	O. GL.	<u>Step</u>	
9-10 9/3 2nd 9/26	st	st	st	st	W	8169
			st			arc +
9-11 9/5 seg 9/28			st			8170
						arc +
9-11 9/5 4th 9/13 10/1						8171
						arc +
9-16 8E-8/6						8172
						1-2nd arc +
9-12 8/24						8173
						arc +
9-20 3E-8/8						8174
						arc +
9-13 6E 8/4 3M						8175
						arc +
9-17 9/1						8176
						1-2nd arc +

O. GL

et - w

Ans 7

cre 7

35

n-w

1-2nd 6E-7/30

July
1893

$$1 \text{ pt} = 8/20$$

reg
R. sh
15-8

W

2

5 E

Seq
P-R

	Hulls	APEX	APIC.	O. GL	thy
9-15	st	n	n	n	W 8185
2nd 8/17	H		seg		seg
5M seg			R-sth		lpr W Circ +
9-17	st	n	n	n	W 8186
5E- 8/4	"		seg		N 2-seg
			R-sth		Circ +
9-13	st	n	n	n	W 8187
6E- 8/5	"		seg		W. 1-seg
			R-sth		Beant Circ
			21-5		
9-13	st	n	n	n	W 8188
5E- 8/6	"		seg		W.
			R-sth		Circ +
			18-12		
9-17	st	st	n	st	W 8189
9E 8/6	"		seg		W
			P+St		Circ +
9-20	st	st	n	st	W 8190
8/20	"		seg		W
			R-sth		Circ +
9-12	st	st	(n) 2sp	st	lp 8191
8/20	"		seg		lp w
9/30			P+St		Circ +
			17-13		1-seg
9-14	st	st	rp	st	lp 8192
8/24	"		P-St		Circ +
			22-9		1-seg

		Hulls	APEX	APIC.	O. GL.	Stig.
8193	9-20 9/5 10/2 are Resist	st st	st	Ⓡ p seq 29-14 (P & R)	st	lp
8194	9-19 2-sels 7E-8/6 anc +	st st	st	Ⓡ p seq 19-5-5	st	lp
8195	9-13 5E 8/8 anc +	lp lp-sh	P	P seq P.R. 24-7	P	P
8196	9-16 8/25 are Resist seq 10/1	st st	st	P seq P-sh 20-6	st	P
8197	9-20 1/16 CO Resist	Ⓡ lp lp-sh	P	P seq P-P 11-5 some prin api only	P-P	
8198	9-14 8/20 2-sels CO Resist	st lp-sh 20-3	P	P seq P-sh 20-3	P-P	
8199	9-20 4E-8/10 1 sel CO +	st st	st	P seq P-R	P-P	
8200	9-17 7E-7/30 seq 9/28 CO +	st st	st	P seq P-R-sh	st-P	

		Hulls	APEX	APIC	O. GL	Stg	
4E-8/3	9-13	st p seg P-St	P	P seg P-St	P	P	8201 1-sel COT
	9-14 8/19	st p seg P-St	P	P seg P-R	P	P	8202 COT
8E-8/6	9-20	lp seg P-St	P	P seg P-R-St	P	P	8203 3-sels COT
		some propri only					
4E-8/11	9-15	st p seg P-St	P	P seg P-R-St	P	P	8204 CORRECT 6 sels.
	9-17	st p seg P-St	st	P seg P-St	P	P	8205 CO quantity
	9/13	17-6		17-6			
	9-16	st p seg P-St	P	P seg P-R-St	P	P	8206 1-sel COT
	9-13	lp seg P-St	P	P seg P-R-St	P	P	8207 COT
	9-11	lp seg P-St	P	P seg P-R	P	P	8208 COT

Very outstanding plants. Vigorous excellent quality.

		ulls	APEX	APIC	O. GL	Sty
8209	9-17	(st) p p	p	p-p		
1-9-11	4E-8/6			seq		
sub	10/2	seq		P-R-st		
CO+		P-st				
8210	9-17	lp p	p	p-p		
	6E-8/4	seq		seq		
CO+	10/1	P-st		P-R-st		
8211	9-16	(st) p p	p	p-p		
	8/20	seq P-st		seq		
CO+		8-4		P-st		
	10/2			8-4		
8212	9-13	(st) p p	p	p-p		
	8/14	seq		seq		
CO+		P-st		P-st		
	10/3	some p apic only				
8213	9-18	(st) p p	p	p-p		
	9/15	seq		seq		
CO+		P-st		P-st		
8214	9-15	(st) p p	p	p-p		
	8/5	seq		seq		
CO+		P-st		P-st		
		few p apic only				
8215	9-16	(st) p p	p	p-p		
	9/12	seq		seq		
CO+		P-st		P-st		
8216	9-13	(st) p p	p	p-p		
	4E-8/6	seq		seq		
CO Resist		P-st		P-R-st		

	Hulls	APEX	APIC'	O. GL	Steg.
9-20 st	st	p	st	p	8217
2nd 8/17 st		seg p R.		2-sele CO+	
P & R, apic only					
9-16 (st) p p		p	p	p	8218
8/20 seg R		seg		2-sele CO+	
9/30		p-p-st			
9-15 (st) p p		p	p	p	8219
8/24 seg		p-st			CO+
p-st		26-3			
9/20 26-3					
9-15 lp	p	p	p	p	8220
3E-8/5 prith		seg p-st		CO+	
9/25					
9-13 p	p	p	p	p	8221
5E-8/5 p-st		seg p-R		CO+	
9/27					
9-18 (st) p st		rp	lp	p	8222
3E-8/7 seg		seg			CO+
p-st		p-R-st			
9-18 lp	p	p	p	p	8223
5E-8/3 seg		seg		1-sele CO+	
p-st		p-R-st			
10/2					
9-19 (st) p p		p	p	p	8224
9/13 seg		seg		CO+	
p-st		p-st			
10/3		10-1			

		Hulls	APEX	APIC	O.G.L.	Stig
8225	9-15 9/5 9/25	(st) - p P seg p-st		p seg p-st	p - p	
<u>2nd</u> CO+						
8226	9-2 8/17 9/16	(st) - p P seg p-st		p seg p-st	p - p	
4 sel CO+						
		Promising looking line				
8227	9-4 9E-3/6 9/20	st st	st	r seg r-st	r W	
6-sels CO+						
8228	9-4 8E 8/4	st st	st	(r) - p st-lp all p		
1-sel CO+						
		Breeding time for p in apic only				
8229	9-6 2-sels 6E-8/6 CO Resist	(st) - p P seg p-st only 24 p present		p seg p-st 24-7	p - p	
8230	9-7 9/1 9/17 CO Resist	st st	st	st st	st - W	
8231	9-7 6E-7/30 CO Resist 9/20	st st	st	r seg r-st	r W	
8232	9-10 8/18 9/22 CO+	st st	st	st st	st - W	

	Hulls	APEX	APIC	O. GL	Strig
9-10 4E-8/6 m 9/12	(st) = P seg P-st	P	P seg P-R-st	P	P 8233 COT
9-10 7E-8/3	lp seg P-st	P	P seg P-R-st	P	P 8234 COT
9-8 9/7 2mp 9/17	st st	st	st st	st	W 8235 CO P
9-12 9/6	st st	st	st st	st	W 8236 CO?
9-11 4E-8/13	st st	st	rp seg P-st 21-8	lp	lp 8237 COT
pr in apic only					
9-15 9/5	lp seg P-st	P	P seg P-R-st	P	P 8238 3 sech COT?
9-20 8/25 16-12	lp seg P-st	P	P seg 24-34	P	P 8239 1-sech CO Resist 4 sech
8. with pr apic only } 1 strand 16 pr hulls					
9-14 9/5	(st) = P seg P-st some with pr apic only	P	P seg P-st	P	P 8240 CO Resist 2 sech

			Hulls	APEX	APIC	O.G.	Sty
8241	9-12	(st)-p	st	rp	st-p		
4E-	8/6	seg		seg			
Var		p-st		p-st			
emp	CO+	some pr apic		only			
8242	9-11	st	st	p	p-p		
1-se	8/6	st		seg			
	all seed from 9/16 seg			p-st			
CO Resist P		pr apic		only			
8243	9-11	(st)-p	p	p	p-p		
	9/6	seg		seg			
CO+		p-st		p-R-st			
		some pr apic		only			
8244	9-15	(st)-p	p	p	p-p		
7E-	8/6	seg		seg			
CO+		p-st		p-st			
8245	9-22	st	st	st	st-W		
	9/16	st		st			
2nd	CO+						
8246	9-26						
CO Resist		st		st			
8247	9-29	st		st			
CO+							
8248	9-29	st		st			
CO+							

	Hulls	APEX	APIC?	O. GL	Strig	
	9-21	st	st	st	st	W 8249
	9/17	st	st			CO Resist
<u>ruh</u>		1 plant with red apex & apex				
	9-30	st	st	st		8250
						CO Resist
	9-21					8251
	9/17	st	st			CO +
	9-30	st	st			8252
						CO Resist
	9-21					8253
1 E 2/6 1 M	9/16	st	st			CO Resist
	9-27					8254
	9/17	st	st			CO Resist
	9-27	st	ru	ru	ru	W 8255
1 M	9/13	st	seq			CO Resist
			very frd - st			
	Very frd in apex can be detected only at time of pupal emergence - much fainter than earwig.					
	9-23	st - p	ru	ru		W 8256
4 E	8/5	seq	seq			CO +
		P-st	P-R-st			

		Hulls	APEX	APIC	O. GL	Stg
8257	9-27	st	st	(R) p-st-W		
<u>Inh</u>	9/17	st		seg		
COT		color in apic only		p-R-st		
				13-3-4		
8258	9-22	st	R	R	R-W	
	8/27	st		all Red		
COT		do not get red, difficult to classify		may be some strains		
8259	9-21	st	st	(R) p-st-W		
	9/12	st		seg		
COT				p-R-st		
				11-9-6		
8260	9-21	st	st	R	st-W	
	8/16	st		all Red		
COT				Breaking true		
				duped some into apic		
8261	9-22	st	R	R	R-W	
	8/19	st		seg		
COT				R-st		
8262	9-26	st	st	(R) p-st-W		
	9/13	st		seg		
COT				p-st		
				17-4		
				pr in apic only		
8263	9-22	st	st	(R) p-st-lp		
	8E-8/4	st		seg		
COT Resist				p-R-st		
3-E harvested				pr. in apic only		
8264	9-21	(st) p	P	P	P-P	
	9/13	seg		seg		
		p-st		p-R		
COT Resist				some pr. in apic only		

	Hulls	APEX	APIC.	O. GL.	Sty.	
2nd 9-21 3E-8/7	st-p seg p-st some with pr apic only	P	P seg P-R-st	P	P	8265 COT
9-21 5E-8/6	lp seg p-st	P	P seg P-R-st	P	P	8266 3-E COT
9-21 5E-8/13	lp seg p-st some with pr apic only	P	P seg P-R-st	P	P	8267 3-E COT
9-23 9/13	lp seg p-st	P	P seg P-R-st	P	P	8268 COT Result
9-29 8/16	lp seg p-st	P	P seg p-st	P	P	8269 2E COT
9-25 8/19	(st)-p seg p-st	st	P seg P-R-st	P	P	8270 COT
9-28 8E-8/5	lp seg p-st	P	P seg P-R.	P	P	8271 COT
9-26 9/17	(st)-p seg p-st	P	P seg P-R-st	P	P	8272 COT Result?

F3 Fortuna x Blue Rose

8273	9-25	st	st	p	st-W
4E	8/12	st		seg P-R-st 14-4-4	
Var Imp CO+		color in apic only			
8274	9-26	lp	P	P	P-P
CO+?		seg P-st		seg P-R-st	
		color in apic only			
8275	9-26	P	P	P	P-P
5E -	8/11	seg P-st 15-5		allp	
CO Rival 4E 4.5els		color in apic only			
8276	10-1	st	st	st	st-W
1-E	1E - 8/10	→ maybe a mixture from R. 8289			
Imp CO Rival		end of Cross			

~~8277~~

~~8278~~

~~8279~~

~~8280~~

~~8281~~~~8282~~~~8283~~~~8284~~~~8285~~~~8286~~~~8287~~~~8288~~

F3 lines Cross 376 H = B2920A9-9-1-1

		Hulls	APL	APL	OGL	City	Pub
8289	8-17 8/6 seq 8/27	P	P-11	P-11	P-11	P	R 15-7
8290	8-19 22 uni 8/21 8/30	11-11		17-5			11-11
8291	8-7 8/15 8/26						
8292	8-11 7/30 seq 8/20						
8293	8-10 7/30 8/8						
8294	8-5 8/8 seq 8/27						
8295	7-28 7/29 8/9						
8296	8-1 8/1 8/10						

Shoemakers

Hulls

APEX

O. GL.

Steg
~~U. G. L.~~PUB-
ESCENCE

8-12

P

P

P

P

R. 8297

8/9

8/20

Zuck
prob. seq.

8-2

8298

7/30

8/10

8-14

8299

8/16

8/26

8-9

8300

8/6

8/17

8-3

8301

8/5

8/16

8-15

8302

8/6

seq.

8/27

8-5

8303

8/5

8/20

seq.

8-9

8304

8/5

8/15

		Hulls	APEX	APIC	O. GL	Stg	PUB- ESCENCE
8305	8-6 8/6 8/16	P		P-P	P	P-R	
8306	7-27 7/29 8/9						
8307	8-10 8/12 8/18						
8308	8-16 8/13 8/24						good quality
8309	8-7 8/11 8/20						
8310	7-31 8/2 8/14						
8311	8-7 8/6 recg 7/10						
8312	8-7 8/7 recg 8/27						

Hulls APEX APIC. 0.6L *Stig* PUS-
ESCENCE

8-11 P P-P P P R 8313

8/5

seg

8/27

8-14

8/11

seg

8/27

8314

8-14

8/10

seg

8/24

8315

8-9

8/5

8/16

8316

8-12

8/6

seg

8/28

8317

7-30

8/1

8/13

8318

8-9

8/1

8/12

8319

7-28

7/30

8/9

8320

HULL
STATION

APEX

APIC

O. GL

Stage

FIB-
NCE

8321

7-30

P

P-

P

P

P-R

7/31

8/9

8322

8-5

7/31

seg

8/9

8323

8-23

8/6

seg

9/1

8324

8-7

8/2

8/14

8325

8-17

8/12

8/24

8326

8-14

8/13

8/24

8327

7-24

8/1

8/12

8328

8-22

8/17

seg

9/2

1111	Hulls	APEX	APIC	O. GL.	<u>dy</u>	PUB- ESSENCE	
8-15 8/5 Sub seg 8/28	P	P-P	P	P	R		8329
8-12 8/10 8/19 1 late may be seg							8330
8-19 8/16 8/26 Very good HO							8331
8-3 7/28 8/10 2 seg							8332
8-5 7/30 seg 2 out H 8/20 8/26							8333
7-29 7/28 8/9							8334
8-17 7/30 8/12							8335
8-20 8/6 seg 8/29							8336

		Hulls	APEX	APIC.	O. GL.	Stg.	PUB- ESCENCE
		P-st	P-gr				
8353	8-18 8/2 fw mid 8/20	P 21-18 15 green	P-P 24-15	P	P	S	
8354	8-8 8/6 8/18	26-16 16 green	26-16		26-16	S	
8355	8-16 (1 plant 8/7) 8/16 8/28	st st	st-st-st		W-R W	17-11	
	Very outstanding row, uniform Plant type						
8356	8-14 8/16 8/27	st			W 24-7		
8357	8-2 8/3 seq 8/23	st			W 36R acl rough		
8358	8-13 8/13 8/26 seq				24-		
8359	8-3 8/3 seq 8/20	st			W 24-8 seq		
8360	7-3/ 7/28 8/9	st			W seq 18-11		
		1 good Row.					

Hull ☒ APEX APIC. O. GL.stg PUB-
ESSENCE

8-15 st st-st st W R 8361
 8/3 st ————— W all Sm
 seg
 8/20

8-15 8362
 8/4 st ————— W all Sm
 seg
 8/27

8-15 8363
 8/6 st ————— W all Sm
 seg
 8/24

8-15 8364
 8/4 st ————— W R 14-5 seg
 seg
 8/20

8-29 8365
 8/29 st ————— W 18-14 seg
 seg
 8/24

7-30 8366
 7/30 st ————— W all R 25 pl
 8/12
 1 late
 1st seg

8-23 8367
 8/18 st
 8/29 Taller than adjacent rows, same form
 ltr, long panicles
 outstanding row

8-3 8368
 7/37 st ————— W 20-5
 few mid
 8/18

		Hulls	APEX	APIC.	O.G.L.	Sty.	PUB. REFERENCE
8369	8-9 8/5 seg 8/21	st	st	st	st	W-R	
8370	8-13 8/6 seg 8/24						
8371	8-6 8/6 seg 8/24	st				36 all Sm	
8372	8-4 8/4 seg 8/24	st				33 all Sm	
8373	8-17 8/6 8/18	st				16-9 seg	
8374	8-4 8/6 seg 8/20	st			seg 28-12 P-q	Sm 38 cm 2 row	Sty 10/12-1/12
8375	7-30 8/2 Ind and 8/17	33 plants st				Sm	
8376	8-14 8/6 seg about 8/30	st				19-12 seg	

Hulls APEX APIC. O.GL

Stig

R 8377

8-4

st st-st st W

R 8377

8/1

8/20

seq
19-5

7-30

7/30

8/10

st

25 plants

8378

all Sm

7-24

7/31

8/18

st

29 plants

8379

all Sm

8-7

8/1

8/19

st

29 plants

8380

seq
22-8

8-12

8/12

8/24

st

8381

seq
19-6

8-19

8/2

8/26

st

8382

seq
22-5

8-24

8/16

8/30

8383

7-28

7/27

8/9

st

8384

seq
12-5

		Hulls	APEX	APIC.	O. GL.	W	R
8385	8-14 8/17 8/30 mm.	st m/c x	st	st	st	W	R
8386	8-4 7/30 8/12	st					17-2
8387	8-15 7/31 seg fur mud 8/19	st					18-10 seg
8388	8-15 8/11 8/20	29 plants				all Rn	
8389	7-27 7/28 8/9 Var Imp	st st 14 plants	st-st	st		W-R	all Rn
8390	8-4 8/2 seg? 8/16	st					29-11
8391	8-16 8/11 8/22 1 v. at	st					25-5
8392	7-26 7/28 8/10	st					24 seg

	Hulls	APEX	APIC.	O. GL	<u>stg</u>	PUB- ESCLNCE
Var Lump	8-10	st	st-st	st	W	R 8333
	8/5	st				18-6
	8/15					
	8-20					8394
	8/16	st				17-9
	8/26					
segy few mid	8-7					8335
	7/30	st				17-8
	8/17					
seg	8-19					8336
	8/12	st				19-12
	8/27					
8-9	7/30	st				8337
	8/13					21-5
8-10	7/30	st				8338
	seg					27-rough
	8/16					
8-8	8/8	st				8339
	8/21					15-6
8-8	8/6					8400
	8/15					16-8

		Hulls	APEX	APIC	O. GL	Stig	PUB- ESSENCE
8401	8-6 7/30 seg 8/6	at at		at at	at	W R	29 rough
Var Imp							
8402	8-8 8/5 seg 8/24	at				22-10	
8403	8-10 8/6 8/6	at				23-7	
8404	8-8 8/6 seg 8/24						
8405	7-30 7/29 8/12						
8406	8-16 8/4 8/11						
8407	7-27 8/2 8/15						
8408	8-4 8/6 8/16						

Hulls APEX APIC. O. GL.

StyPIB-
ESSENCE

8-12

8/8

8/20

except late plant

8409

8-8

8/7

8/20

unr

8410

8-20

8/6

8/21

unr

8411

late

8-2

7/29

8/10

8412

7-28

8/1

8/11

8413

8-22

8/22

unr

9/1

very good for H.O.

Shatters
grain rather poor
a. excellent plant
Type

8414

8-1

7/30

unr

8/16

8415

8-1

8/2

8/12

8416

		Hulls	APEX	APIC	O. GL.	Strig	PUS- ECCENCE
8417	8-11 7/30 8/11	st	st	st	st	W	R
Var 2mp							
8418	8-8 8/6 recy 8/21						
8419	8-17 8/10 8/20						
8420	8-18 8/11 8/21	st	st	st	st	W-S	
2mh							
8421	8-10 8/4 recy 8/20						S
8422	8-13 8/13 8/27						S
Very good for HO							
8423	8-10 8/7 8/17						
Very good for HO							
8424	8-1 8/2 8/13						

	Hulls	APEX	APIC.	O. GL.	Stig	PUB- ESCENCE	
var 8-1 8/2 2mp reg 8/20	st	st	st	st	W	S	8425
8-4 8/10 8/27 prob Sep							8426
8-18 7/30 8/11							8427
8-12 8/6 reg 8/25							8428
8-14 8/11 8/29 reg							8429
8-11 8/10 8/20 Ink	st	st	HP	st	P	R	8430
8-21 8/10 reg 7/2	st	st	HP	st	lp	R	8431
reg for H ₂ O resistance, some very clean plants 8-6 7/29 unim, ex ap, few letes 8/26 few letes	st	st	HP	st	lp	R	8432

- 8449 8-21 st st-p st lp-R
 8/13
 8/27
 + on mb cut
 Outstanding Row cut
- 8450 8-11 st st-p st lp-R
 8/12
 8/26
- 8451 8-11 st st-r st lp-R
 8/10
 8/20
- 8452 8-5 st st-p st p-R
 8/6
 seq
 8/23
- 8453 8-17 st st-p st p-R
 8/2
 seq
 8/22
- 8454 8-10 st st-p st ft-R
 8/6
 seq
 8/27
- 8455 8-11 st st-r st lp-R
 8/2
 seq
 8/20
- 8456 8-21 st st-r st lp-S
 7/31
 seq
 8/20 except 1 v ltr

end of 376 H = 2920 H 9-9-11 x Shornub

all purple plants in F2 had ~~8457~~
purple inner sheath and
purple veins in outer sheath.

This purple new color varied
some as to intensity but ~~8458~~
appeared to be fairly uniform.

~~8459~~

~~8460~~

~~8461~~

~~8462~~

~~8463~~

~~8464~~

F-3 June:
 CT-6121-3X CI-6993

		Hulls	APIC, O. GL.	PUB- ESCENCE	ENDO- SPERM
8465	7-10 7/13 P. PB True	br	n	S	
8466	25pl 7-6 7/10 6 mat h d on 7/30		n seg 4-7	S sm	
8467	7-1 7/10 7/30 seg		n n	S	
8468	7-10 7/12 7/31		n seg	R	
8469	7-9 7/9		n n	R seg	
8470	7-10 7/15		gr gr	R	
8471	6-27 7/10		n-n n-n	S	com
8472	7-6 7/12 7/13	fur	W-n gr-gr	R seg	com

	Hulls	APIC. 0.61	PUB- ESCENCE	ENDO- SPERM	
7-8 7/8	lr	r-r seq-seq	R seq	com	8473
7-5 7/15 6 lit. ph.	lr	r-r	S	com	8474
7-10 7/12 P	r	r-r seq-seq	R seq	com	8475
7-10 7/12 P 7/19	r	r-r seq-seq	R seq	com	8476
7-4 7/8 P	r	r-r seq-seq	R R.	com	8477
7-10 7/15	lr	r-r seq-seq	R seq	com	8478
7-6 7/12 7/19	lr	r-r seq-seq	R R.	com	8479
7-6 7/12 several mids	r	r-r seq-seq	R	com	8480

		Hulls	APIC.	O. GL.	PUB- ESCENCE	ENDO- SPERM
8481	7-10 7/12	r	r r seg-seg	R R	com	
8482	7-1 7/11 P8/17	r	r-r seg-seg	R	com	
8483	7-10 7/10 P8/17	r	r-r gr-gr bud ph.	R	com	
8484	7-9 7/12	r	r-r r-r	R	com	
8485	7-16 7/15	fur	gr-r gr-gr	R	glst	
8486	7-10 7/8 S	fur	r-r seg-seg	R	seg	
8487	7-5 7/15	fur	r-r seg-seg	R	c gl 16-1	
8488	7-10 br 7/15 several mths		gr-r gr-gr	R seg	seg	

	Hulls	APIC.	O. CL.	PUB- ESCENCE	ENDO- SPERM	
7-6 7/17 7/24	lr	gr-n gr	S S	10-3	8489	
7-9 7/12 7/25	n	gr-n gr-	R seg	9-3	8490	
6-29 7/10 7/18	n	n-n seg	R R	9-1	8491	
6-28 7/12 7/20	lr	n-n n	R R	10-1	8432	
7-4 7/12 7/23	n	n-n seg	S S	18-1	8493	
6-26 7/10 14E-5L	lr	n-n	R	10-2	8434	
7-4 7/12 14E-3L	n	n-n n-	R	10-2	8495	
6-28 7/10 7/24 3	lr 7/19	n-n gr-	S	20-3	8436	

		Bulls	APIC	O. Gr	
8437	7-10 7/15	r	gr-r gr	R seq	8-2

8438	7-10 7/8	r	r-r seq	R	14-1
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8439	7-3 7/10	fur	r-r r	R	19-5
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8500	7-12 7/12 7/20	r	r-r seq 8:4	R R	com
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8501	7-12 7/13	lr	r-r seq	S S	com
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8502	7-12 7/15	fur	r-r seq	R seq	com
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8503	7-14 7/13	r fur	gr-r gr	R	com
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8504	7-12 7/16	r	r-r 1-4	R R	com
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	Hulls	APIC.	Q. GL	PUB- ESCENCE	EPID- SPERM	
7-15 7/14	~	~ - ~	R			8505
7-17 7/16 B.T. 7/25	fun	gr - ~ gr	R ~			8506
7-17 7/15	~	~ - ~ ~	R			8507
7-13 7/12	~	~ - ~ seg	R seg			8508
7-19 7/18	h	~ - ~	R seg			8509
7-15 7/13	~ fun	~ - ~ seg 1 queen	R seg			8510
7-20 7/13 several mids	~	~ - ~ seg	R seg			8511
7-17 7/16	~ fun	gr - ~ gr	S ?			8512

		Hulls	APIC. O.G.	PUB- ESCENCE	ENDO- SPERM
8513	7-12 7/16 2	fur	gr-r seg	R	
8514	7-16 7/15 2-lates	r	r-r r	S ?	
8515	7-18 7/14 7/25	lr	gr-r gr Ined plants	R R.	
8516	7-20 7/16 seg	r	gr-r gr	R seg	
8517	7-18 7/12 seg	r	r-r r	R seg	
8518	7-17 7/17	r	ft-r seg	R seg	
8519	7-15 7/18 many mids	r	gr-r gr	S	
8520	7-14 7/16 many mids	lr	gr-r gr	S S	

	Hulls	APIC. D. GL.	PUB- ESSENCE	ENDO- OPLRM	
7-14	lr	r-r	S		8521
7/13		seq 4:3	S		
7/24			-		
7-12	r	r-r	R		8522
7/19		seq	seq		
7-20	r	r-r	R		8523
7/15		seq	R		
several mids					
7-15	fur	gr-r	R		8524
7/17		gr			
7-20	r	r-r	R		8525
7/13		r			
7-17	r	r-r	S		8526
7/17		r	S		
7-20	r	r-r	S		8527
7/15		r	S		
mids & lats					
7-19	fur	r-r	R		8528
7/21		seq	seq		
seq					
E+M					

		Hulls	APIC. D. GL.	PUB- ESCENCE	ENDO- SPERM
8529	7-17 7/16	r	r-r r	S	
8530	7-14 7/17	lr	r-r seg	S S	
8531	7-16 7/16 7/25	fur	r-r seg 15-8	S S	
8532	7-11 7/15	r	r-r r	R seg	
8533	7-16 7/19	r	r-r r	R R	
8534	7-13 7/15	lr	g. r gr	S S	
8535	7-18 7/17 Br 7 7/23	fur	gr-R gr	S S	
8536	7-14 7/18	r	gr-r gr	S S	

R = Rough
S = smooth

	Hulls	APIC.	O. GL.	PUB- ESCENCE	ENDO- SPERM	
7-20 7/17	r	r-r r		S S		8537
7-20 7/20	lr	r-r seq		S S		8538
7-16 7/16 2 later	r	r-r seq		R seq		8539
7-15 7/23	r	r		R		8540
7-13 7/18	fur	r-r seq		R seq		8541
7-14 7/15	fur	r-r seq		R seq		8542
8-17 7/20 mostly later 9/2	fur	gr-r		S		8543
7-12 7/16	fur	gr-r gr		R seq		8544

all full bod^{ed} 1/2 unless otherwise stated

		Hulls	APIC.	O. BL.	PUB- ESCENCE	ENDO- SPERM
8545	7-20 7/16	four	gr-r gr		R seg	
8546	7-23 7/18 mostly lit	r	gr-r gr		S S	
8547	7-26 7/19 seg (late)	r	r-r r		R R	
8548	7-26 seg (late)	r	r-r		R	
8549	7-21 7/18 Early	r	r-r seg		R seg	
8550	7-28 7/20 Early	dr	r-r r		R seg	
8551	7-29 7/21 lit	r	r-r r		R seg	
8552	7-23 7/14 lit	r	r-r		S S	

	Hulls	APIC.	O. GL	PUB- ESCENCE	ENDO- SPERM	
7-27 7/20 mid	r	r-r seg	R.			8553
7-22 7/19 mid	r	r-r seg	R.			8554
7-26 7/22 late	r	r-r	R seg			8555
7-25 7/20 late	r	r-r	R			8556
7-21 7/21 late	fur	gr-r gr	S S			8557
7-25 7/21 mid	br	r-r seg	R seg			8558
7-22 7/14 mid	r	r-r	R			8559
7-27 7/20 late	r	r-r seg	R seg			8560

all full hd about 9r unless otherwise noted

Hulls

APIC.

0.64

PUB-
SCIENCE

ENDO-
SPERM

8561

7-26

r

r-r

R

7/17

late

8562

7-28

br

gr-r

S

7/21

gr

S

late

8563

7-22

br

r-r

R?

7/18

seg

S?

mid

8564

7-22

R

r-r

S

7/19

seg

S

late

8565

7-23

furr

gr-r

R

7/18

gr

seg

fur alates

8566

7-24

r

r-r

R?

7/15

S?

late

8567

7-24

br

r-r

S

7/19

seg

S

late

8568

7-21

r

r-r

R

7/19

seg

mid

all full about 9/2 unless otherwise stated 72

	Hulls	APIC.	O. GL	PUB- ESCENCE	ENDO- SPERM	
7-23 8/1 8/9	r	r-r		R		8569
7-26 7/14 late	lr	r-r seg		R seg		8570
7-27 7/16 late 1V late	lr	r-r seg		R seg		8571
7-23 7/20 late	r	r-r seg		R seg		8572
7-24 7/12 late 1V late	r	r-r		R		8573
7-27 7/25 mid	r	r-r		S		8574
7-27 7/19 late 1V late	lr	gr-r gr		R seg		8575
7-31 7/48 late 1V late	r	r-r seg		R seg		8576

		Hulls	APIC.	P.O.L.	PUB- ESCENCE	ENDO- SPERM
8577	7-26 7/19 lutea 9/2	br	gr-r gr		R	
8578	7-25 7/18 mid-lutea 9/2	r	r-r seg		R seg	
8579	7-29 7/19 lutea 9/2 2 v. lutea	r	r-r seg		R	
8580	8-1 7/24 lutea 9/2	r	r-r		R	
8581	8-10 7/18 lutea 9/2	r	r-r seg		R seg	
8582	8-5 7/19 lutea 9/2 1 v. lutea	r	gr-r gr		R	
8583	8-9 7/15 lutea 9/2 2 v. lutea	r	r-r seg		R	
8584	8-1 7/21 lutea 9/2 1 v. lutea	r	r-r		R	

	Hulls	APIC.	O. GL	PUB- ESCENCE	ENDO- SPERM	
8-3 7/20 lutea 9/2	n	n-n		R seq		8585
8-10 8/12 lutea 9/2	n	n-n		R		8586
8-9 7/19 lutea 9/2	n	n-n		S S		8587
monthly v. lutea (9/12) 8-6 7/17 lutea 9/2	n	n-n		R seq		8588
for v lutea 8-2 7/18 lutea 9/2	lr	n-n		R seq		8589
8-1 7/18 lutea 9/2	lr	n-n		S S		8590
8-4 7/16 lutea 9/2	n	n-n		R		8591
8-8 7/14 lutea 9/2	n	n-n		R seq		8592

✓ = later present

		Hulls	APIC O. GL	PUB- SCIENCE	ENDO- SPERM
8593	8-4 7/20 late 9/2	n	n-n	R seg	
8594	8-8 7/20 late 9/2	n	n-n	R seg	
8595	8-3 7/16 L 9/2	n	n-n seg	R seg	
8596	8-9 7/21 L 9/2	n	n-n	R	
8597	8-6 7/17 L 9/2	br	n-n seg	S S	
8598	8-8 7/19 L 9/2	br	gr-n gr	R Seg	
8599	8-5 L 9/2	br	n-n	R	
8600	8-5 7/16 L 9/2	br	gr-n gr	R	

	Hulls	APIC O. GL	PUB- ESCENCE	ENDO- SPERM	
8-7 7/14 ✓ 9/2	fur	gr-r gr	R seg		8601
8-5 7/15 ✓ 9/2	fur	gr-r gr	R seg		8602
8-20 7/24 ✓ 9/1	r	r-r	R seg		8603
8-20 7/21 ✓ 9/1	r	r-r	R seg		8604
8-19 7/19 ✓ 9/1	r	gr gr	R		8605
8-19 7/25 ✓ 9/1	r	r-r	R seg		8606
8-13 7/24 ✓ 7/1	r	gr-r gr	S S		8607
8-15 7/25 ✓ 9/1	r	r-r	S?		8608

✓ = data present

		Hulls	APIC. 0.6L	PUB- ESCENCE	ENDO- SPERM
8609	8-13 7/14 ✓ 9/2	n	n-n seg	R seg	
8610	8-14 7/26 ✓ 9/2	n	gr-n gr	R seg	
8611	8-14 7/17 ✓ 9/3	n	n-n	R seg	
8612	8-20 7/19 ✓ 9/4	n	n-n n	S S	
8613	8-11 7/21 ✓ 9/5	n	n-n seg	S S	
8614	8-18 7/20 ✓ 9/10	n	n-n n	R seg	
8615	8-14 7/12 ✓ 9/10	n	n-n n	R R	
8616	8-12 7/14 ✓ 9/13	n	n-n n	R R	

Hulls

APIC
0.6LPUB-
ESCENCEENDO-
SPERM

8-12 br n-r R

8617

7/21

✓

9/3

8-14 br n-r R

8618

7/17

✓

seg

9/12

8-12 r n-r S

8619

7/20

✓

seg

seg

8-14 br n-r R

8620

7/18

✓

9/5

8-19 br n-r R

8621

7/13

✓

seg

seg

9/12

8-14 br n-r R

8622

7/18

✓

9/8

8-18 fur n-r R

8623

7/17

✓

seg

8-14 br n-r R

8624

7/15

✓

9/5

L = latex present,

		Hulls	APIC- O. GL	PUB- ESCENCE	ENDO- SPERM
8625	8-19 7/19 ✓ 9/12	br	gr-r	S	
8626	8-16 7/20 ✓ 9/10	br	gr-r	R	
8627	8-19 7/22 ✓ 9/10	vbr	r-r	R	
8628	8-17 7/17 Vn 7/17	br	gr-r gr	R Seq	
8629	8-11 7/10 7/17 n	fur	gr-r gr	R Seq	
8630	8-22 7/21 ✓ 9/4	r	r-r	R	
8631	8-29 7/17 ✓ 9/15	r	r-r	R	
8632	8-21 7/15 ✓ 9/8	r	r-r seq	R seq	

	Hulls	APIC O. GL.	PUB- ESCENCE	ENDO- SPERM	
8-23 7/26 ✓ 9/5 Wate	r	r-r	R		8633
8-22 7/22 ✓ 9/8	r	r-r seq	S		8634
8-23 7/21 ✓ 9/10	r	r-r seq	R seq		8635
8-21 7/20 ✓ 9/5	r	r-r seq	R		8636
8-31 7/26 ✓ 9/14	br	r-r	S		8637
8-25 7/20 ✓ 9/12	r	r-r	S		8638
8-22 7/19 ✓ 9/11	r	r-r seq	S		8639
8-23 7/20 ✓ 9/13	br	r-r	S		8640

		Hulls	APIC O. GL	PUB- ESCENCE	ENDO- SPERM
8641	8-29 7/22 ✓ 9/12	lr	n-r seg	S	
8642	8-22 7/30 ✓ 9/10	lr	n-r	R	
8643	8-23 7/23 ✓ 9/10	n	n-r	S	
8644	8-25 7/30 ✓ 9/12	n	n-r	R	
8645	8-29 7/22 ✓ 9/13	lr	n-r seg	R	
8646	8-22 7/22 ✓ 9/12	lr	n-r	S	
8647	8-31 7/30 ✓ 9/16	lr	n-r	R	
8648	8-26 7/30 ✓ 9/12	lr	n-r	S	

Hulls APIC. O. GL. PUB-
ESCENCE ENDO-
SPERM

8-22 *lr n-r R* 8649
7/30
✓
9/10

8-21 *lr gr-r S* 8650
7/18
✓
9/10

8-30 *lr gr-r R* 8651
7/22
✓
9/14

8-22 *lr gr-r S* 8652
7/30
seg ✓
9/16

8-31 *fur gr-r S* 8653
9/1
9/15

8-22 *lr gr-r R* 8654
8/12
sig
9/5

8-23 *lr gr-r R* 8655
7/21
✓
9/8

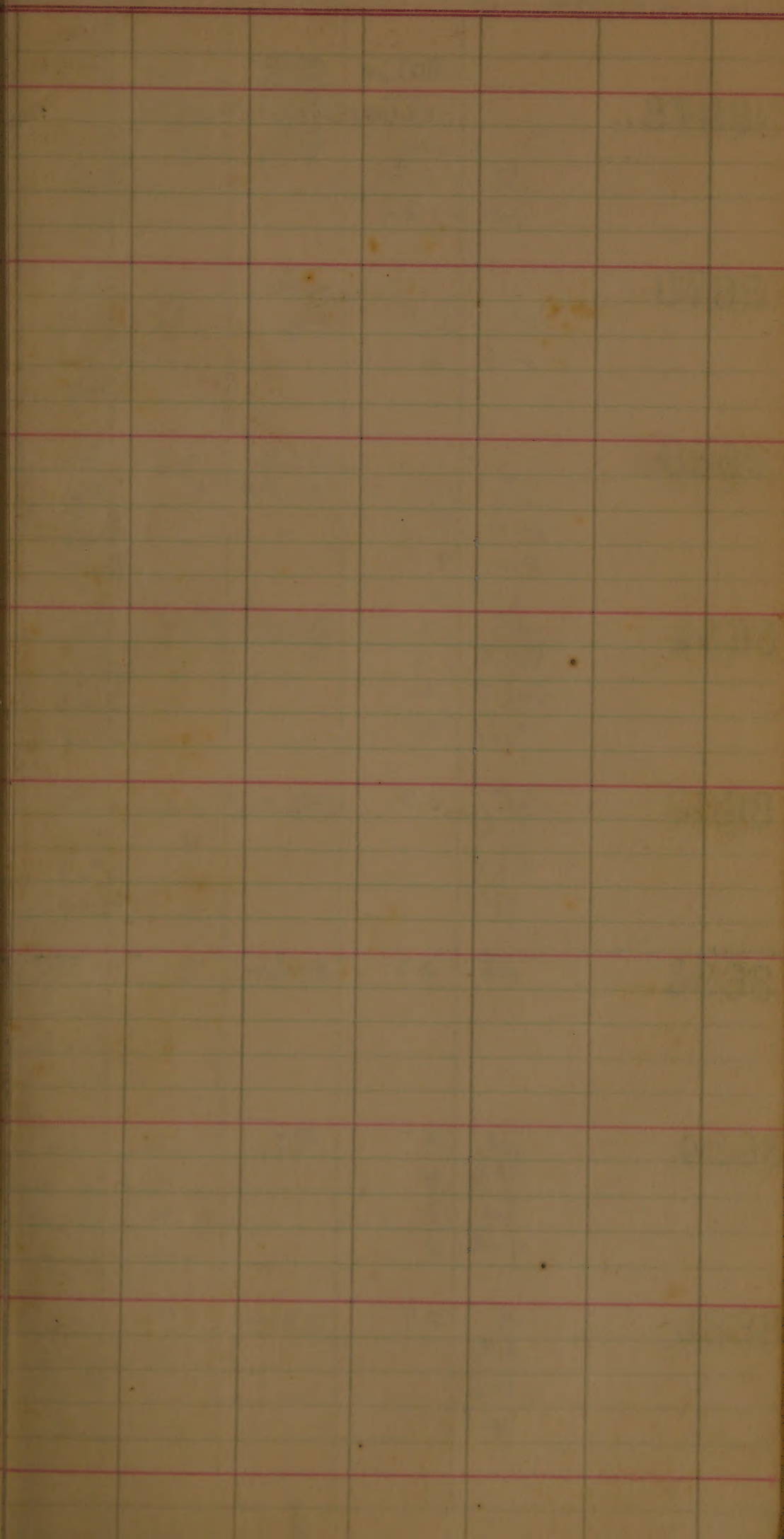
8-22 *lr n-r R* 8656
7/25
✓
9/6

		Hulls	APIC. O.GL	PUB- ESCENCE	ENDO- SPERM
8657	8-31 7/30 seg ✓ 9/13	fur	r-r	R	
8658	8-31 7/30 seg ✓ 9/10	fur	gr-r	R	
8659	8-30 7/17 seg ✓ after 9/10	fur	gr-r	S	
8660	9-2 7/25 ✓ seg 9/14	r	r-r	R	
8661	9-3 8/6 seg 9/13	r	gr-r	R	
8662	9-4 8/7 seg 9/2	r	r-r	R	
8663	9-2 8/6 seg 9/15	r	r-r	S	
8664	9-5 8/10 seg 9/15	r	r-r	S	

	Hulls	APIC. O. GL	PUB- ESCENCE	ENDO- SPERM	
9-4 8/5 seg 9/10	br	gr-r	R		8665
9-1 8/5 tw E 9/7	br	r-r	R		8666
9-4 9/3 und	br	r-r	R		8667
9-4 8/7 seg 9/12	br	r-r	R		8668
9-5 8/7 seg 9/5	br	gr-r	R		8669
9-7 8/5 uni	br	r-r	R		8670
9-2 8/18 seg	br	r-r	R		8671
9-7 8/5 9/6 9/13 uni	fur	r-r	R		8672

		Hulls	APIC. 0.6L	PUB- ESCENCE	ENDO- SPERM
8673	9-10 <u>nett cross?</u> 7/19	fur	ap-r	R	
8674	9-2 8/6	fur	gr-r	R	
8675	no tag 7/21 litter	Dud	r-r	S	
8676	no tag 7/18 8/1	r	r-r	R	
8677	no tag 8/9 ini	r	-r	R	

End of 6121-3 x 6993



F3 Lewis - CI-6011X CI-5810

Hulls

SEED
COAT

8678

straw Amber
seg
str - 17
pe - 12

8679

str 24 seg
pog 6

8680

str 14 amber ✓
pog 7
pe 7
gold 4

8681

str 21 Amber ✓
Pa B, 8
Pie B 2
gold 2

8682

str 30 seg ✓
Pa B.
Pie B
gold

8683

str 30 amber

8684

str 9 seg
Pa B. 4
Pie 1
gold 0

8685

str 29 Amber
Pa B.
Pie B
gold

Cres 371872

$$\begin{array}{r}
 4-7 \\
 13-5 \\
 \hline
 47-12
 \end{array}$$

	Hulls	SEED COAT	
St Pa B Pie B gold	29 11	Amber Seg	8686
St Pa B Pie B gold	16 4	Seg	8687
St Pa B Pie B gold	30	Amber	8688
St Pa B Pie B gold	19 8 3 1	Seg	8689
St Pa B Pie B gold	20 6 6 0	Amber	8690
St Pa B Pie B gold	15 4	Amber	8691
St Pa B Pie B gold	9 5 5 2	Amber	8692
St Pa B Pie B gold	17 9	Amber	8693

		Hulls	SEED COAT		
8694		straw	amber		
		st	23	Reg.	
		bag	5		
		hi B	5		
		gold	2		
8695		st	28	amber	
		bag			
		hi B	6		
		gold			
8696		st	35	Reg.	
		bag			
		hi B	6		
		gold			
8697		straw	l. brown	or equal	
		st	23	Reg.	lt amber and Br.
		bag	11		
		hi B	4		
		gold	0		
8698	Ha	st	25	Reg.	lt amber Br.
		bag	2		
		hi B	0		
		gold	0		
8699	Ha	st	23		amber + light amber
		bag	6		
		hi B	5		
		gold	1		
8700	Ha	st	21		Reg. Amber + Br.
		bag			
		hi B	5		
		g			
8701	Ha	st	24		Br with 2 amber
		bag			
		hi B	7		
		gold			

Hulls

SEED
COATstraw *h. horn or normal.*

8702

st 22 Br

Pag 11

Pie B

gold

st 28 seg amber & Br.

No 8703

Pag

Pie B 5

gold

st 23 seg amber & Br

No 8704

Pag

Pie B 12

gold

st 21 seg amber & Br

No 8705

Pag

Pie B

gold

st 21 seg amber & Br.

8706

Pag 4

Pie B 5

gold 1

st 6 amber,

8707

Pag 1

Pie B

gold 1

uniform amber

8708

furrowed

Pag 38 amber et cetera 11 fl.

st

amber

8709

Pag 28

Pie B

gold 6

	Hulls	SEED COAT	
8710	Uniform	Amber	
	furrowed or		
Ha	boy	28	seg amber + Br.
	rib		
	gold	11	
8711	st		seg amber + Br
	seg	27	
Ha	rib		
	gold	9	
8712	st		seg amber + Br
Ha,	boy	24	
	rib		
	gold	12	
8713	st		<u>Br</u>
	boy	25	
	rib		
	gold	6	
8714	st		seg amber + Br
	boy	28	
	rib		
	gold	6	
8715	st		seg amber + Br.
Ha	boy	24	
	rib		
	gold	17	
8716	Ha		seg amber + Br
	st		
	boy	28	
	rib		
	gold	9	
8717	st		seg amber + Br
	boy	24	
	rib		
	gold	9	

Bulls	SEED COAT			
Uniform furrowed	L. brown.			8718
Bay	33		Br	
RicB				
gold	11			
st				
Bay	22		Bay Amber & Br.	Ha 8719
RicB				
gold	7			
st				
Bay	37		Bay amber & Br.	8720
RicB				
gold				
st				
Bay	24		Bay amber & Br.	8721
RicB				
gold	12			
st				
Bay	25		Bay amber & Br.	8722
RicB				
gold	9			
st				
Bay	24		Bay amber & Br.	8723
RicB				
gold	9			
Purebred	Amber		Bay amber & Br.	8724
RicB	14			
RicB	19		Amber.	8725

Hulls

SEED
COAT

8726 Preheld Amber

Ha Ric B. 17 seg. amber + Br

8727

Ric B 30
gold 7

amber

8728

Ric B 23
gold 10

amber

8729

Ha

Ric B 25
gold 10

seg. amber + Br.

8730

Ha

Ric B 30
gold 8

seg. amber + Br

8731

Ric B 31
gold 8

seg. amber + Br

8732

Ric B 28
gold 5

seg. amber + Br

8733

Ric B 33

seg. amber + Br.

Hulls	SEED COAT		
prebld	l. brown	all Br.	8734
Pie B	28		
gold	13		
Pie B	26	all Br	8735
gold	17	like some gold,	
Pie B	39	all Br	8736
Pie B	30	all Br	8737
Pie B	23	all Br	8738
gold	8		
Pie B	16	all Br	8739
gold	9		
deep patchy like 5810	amber 20	light amber all	8740
gold	20		
gold	40	med dark amber	8741

	Hulls	SEED COAT	
8742	Deep patch like, 5810	Amber	24 Amber 6 Br.
	gold	30	
8743			
	gold	21	20 Amber (1 Br) min
8744			25 Amber 6 Br.
	gold	31	
8745	He		Amber + Br.
	gold	35	
8746			
	gold	27	all Amber
8747			
	gold	31	all Amber
8748			
	gold	19	all Amber
8749			
	gold	31	all Amber.

Hulls

SEED
COAT

Deep Amber
 patchy
 like 5810
 Ha. gold 34

8750

Deep patchy l. brown
 like 5810

8751

gold 25 all Br

8752

Ha. gold 29 Sep Amber + Br

8753

gold 19 all Br

End of 6011 x 5810

Type material of *Luk Crosses*.

CI 3212 x CI 5309
8754 4001 pr hulls

8755 4002 mh pr apic'

8756 4003 mpr

8757 4004
mh base mpr mh base

8758 4004
str base mpr str base?

8759 4005 mpr mh base

8760 4006 str pr apic'

8761 4007 mh pr apic'

I-3212 x CI-5309

4008 str pr apic

8762

4009 reddish pi

8763

4010

white-bellies pr apic

8764

4010

white-bellies

8765

4012 glst mpr

8766

4014 com pr apic

8767

4015 seg ends

8768

4018

Straw-bellies, glst? pr apic

8769

CI 32/2X CI 5309

8770 4019 glut, wh hulls prapic

8771 4020 glut, mpr hulls, wh loss

8772 4021 glut, wh hulls prapic

8773 4022 glut, wh hulls prapic

8774 4023 glut, wh hulls prapic

8775 4024 glut, str hulls. prapic

8776 4025 glut, str prapic

8777 4026 wh, pr apic

CI- 3212 x CI-5309 4028 wh ft pr apric	8778
4031 very ft G fur bulls CI-5398 x CI-5309	8779
4031 G fur bulls	8780
4033 Red fur	8781
4034 Red fur, + pr pr/red	8782
4035 Red + pr pr/red	8783
4036 may be pure red,	8784
4037 pr bulls	8785

CI-5398 X CI-5309
8786 4037 pr apic

8787 4039 pr bulbs

8788 4040
npr bulbs

8789 4040
pr / hr ?

8790 4040
l npr

8791 4041

8792 4043
deep pr bulbs

8793 4044
deep pr bulbs

CI-5398 x CI-5309
4046. straw

8794

4047 may be straw or
very lt. G furrows

8795

4049 Either straw or v. lt. G fur

8796

4050 light red furrows

8797

4050 str or v. light gold fur.

8798

4049
red fur. (not brown) red & gold apic
light red furrows

8799

4052
G fur parent type (5398)

8800

4053
G furrows

8801

CI-5398 X CI-5309

8802

4053

brown fur G fur

8803

4054

brown fur
G

8804

4055

red fur

Red fur over G fur

8805

4056

red fur

R fur / G fur

8806

4057

Red fur / G fur

8807

4058

str. hells

CI-5398 X CI-4504

8808

4061

tr fur, smooth. 0 pr
G

8809

4061

tr fur, rough 0 pr
G

CI-5398 X CI-4504

4068

light gold, smooth. Early

8810

4068

light gold, rough early

8811

4069

rough, light gold late

8812

4069

smooth gold late

8813

4070, rough
gold/light fur

8814

4070 smooth
gold/light fur, late

8815

4074

gold + feeding pr, smooth

8816

4074

moss, not too early pr gold smooth

8817

CI-5398 X CI-3212.

8818 4076

white, rough, 0 pr

8819

4076

do

8820

4076

may have red apic.

8821

4079

gold fur

8822

4080

G fur

8823

4082

feeding pr type
with pr apic

8824

4082

pure strain

8825

4085

CI-5398 X CI-1645

strain

CI-5398 XCI-1645

4086

straw with yellowish cast, lgt gold intermode

8826

4088

~~Pro~~ furr. Prob red furr P
more like G

8827

4088

deep gold. + red furr character

8828

4090

light G furr.

8829

4090

light G furr.

8830

4092

very light furr.

8831

4093

Red gold huckle or Gold + Red furr prob.

8832

4096

gold, like 1645

8833

CI-1962X Blackhull Red

8834 4099
Bl hull white seed.

8835 4100
straw, white seed.

8836 4109
pale, white seed.

8837 4110
pale red seed

8838 4112
pale red seed

8839 4112
pale red seed

8840 4114
straw, red seed.

8841 4105
pale, red seed

CI-1962 x Blackhull Red

4105

stream, pre-hold, wh seed,

8842

4103

Bl hull red seed

8843

4108

pe Gold, wh seed.

8844

4118

deep pr., glut, pink

8845

4118 - CI-1962 (Blue Rose) x CI 5309

stream, glut

8846

4119

stream, com,

8847

4119

mp,

8848

4120

deep pr

8849

CI 1962 (Blue Rose) x CI-5309

8850

4/20

map

8851

4/21

red

8852

4/22

light m. red

8853

4/22

light mottled red

8854

4/22

late red

8855

4/23

mottled red

8856

4/23

pure straw

8857

4/25

late, straw

CI-1962 (PK) x CI-5309

4128

dp pr.

8858

4130

8859

pr over red, seg Pr and Brick
red

4131

Brick red

8860

4131

Brick red

8861

4132

Brick red

8862

4132

brick red

8863

4133

str pr apic, Early plant

8864

4133

stram red apic early plant

8865

CF-1962 x CI-5309

8866

4133

str pr apex, late

8867

4134

straw dp pr apex, late

8868

4135

straw, pr apex
Early 7

8869

4138

pure straw
late

8870

4138

straw, fresh pr
apex, may be red
late

8871

4140

- CF 3212 x CI-1645
straw

8872

4140

straw

8873

4143

light gold

CI-3212 x CI-1645

4147

8874

straw from gold, maybe not a cross (right)
seg str & gold

4148

8875

white dent orange at base
(from gold F₂ plant)

4149

8876

white from gold F₂ plant.

4149

8877

white from gold F₂ plant.

4150

8878

white from gold F₂ plant.

4151

8879

white

4151

8880

white

4153

8881

white, gold internode

8882 CF-3212 x CF-1645

4155

white
light gold intermode

8883[✓] 4139

stream

8884 4153

8885[✓] 4156 (CF-3212 x CF-1962)

appears to be light gold

8886[✓] 4159

white, V. late

8887[✓] 4159

~~pure stream~~ white

8888[✓] 4160

~~pure stream~~ white

8889[✓] 4160

late white

CI-3212 x CI-1962

4161

late white

8890

4163

late white

8891

4164

late straw

8892

4165

CI-3025 x CI-4011

Brick red

8893

4167

Brick red

8894

4168

CI-5810 x Blackshell Red

8895

po G. red seed

4170

Amber seed, po G.

8896

4173

Blackshell, red seed

8897

CI-5810 x Black hull (Red)

8898

4174

Amber seed, Black hulls

8899

4179

Amber seed coat Black/gold hulls

8900

4180

red seed coat, Bl/gold hulls

grains do not fill normally

8901

4181

gold, red seed

8902

4181

gold, prot red seed

8903

4183

gold, brown seed

8904

4183

gold, brown seed

8905

4190

Cross A

pr, glut (CI-6121-3 x CI-5309)

Cross A (CI-6121-3 x CI-5309)
 4191 mixed, glut 8906

4191 mpr, glut. rough 8907

4192 mottled reddish purple
 glut, smooth 8908

4193 mr, smooth glut 8909

4194 mr, rough 8910

4196 m. red, smooth 8911

4197 - Cross B (CI-7524 x CI-6248) 8912
 pr hulls, pr pulmonaria and
 pr apex + pr "

4201 Cross C (CI-5810 x CI-5173) 8913
 mpr hulls, pr plant

Cross C - (CF-5810 x CF-5173)

8914

4201

pr & hulls, pr plant

8915

4201

pr/gold hulls, pr plant

8916

4203

p. Gold hulls pr plant

8917

4204

gold hulls pr plant

8918

4200

m. red., glut normal seed color

8919

4205

light red seed coat, pr apic, pr plant
straw hulls

8920

4205

deep red seed, pr apic & pr plant
straw hulls

8921

4205

red seed

Cross C - (CI-5810 x CI-5173)
 4205 red seed, pr apex 8922

4206 po Gold white seed, 8923
 Pub mottled red hull color.

4210 - Cross D (CI-6993 x 2 talysia Red)
 pr pubu + pr apex + sheath. { red seed 8924
 + white seed,

4213 Cross E (CI-6121-3 x CI-3212) 8925
 pr hulls smooth, str base

4214 8926
 lmp, smooth, str base

4215 8927

4216 8928
 lmp, smooth, str base

4217 8929
 str pr apex
 faded pr in hulls

Cross E (CI-6121-3 x CI-3212)
8930 4217
pure strain

8931 4218
strain

8932 4218
strain

8933 4219
wb, sm, com

8934 4219
wb sm glut

8935 4220
wb. pr apric, com

8936 4221 Cross F - CI-6121-3 x CI-1645
p/g glut

8937 4221
pr/gold, com

Cross F (CI-6/21-3x CI-1645)

4222

8938

longer glut

4222

8939

sharper apex, glut

4223

8940

sh. corn, smooth

4223

8941

straw, sharper, corn

4223

8942

nr, seg.

4223

8943

nr, corn

4225

8944

pr/gold corn, smooth

4225

8945

nr/gold, corn

Cross F (CI-6121-3 x CI-1645)

8946

4225

Red gold, smooth, seg.

8947

4225

Red gold, rough, com

8948

4226

gold smooth com
glt internode

8949

4227

mr, rough, com
maybe a light glt

8950

4227

mr, ~~rough~~ sm, glut.
almost a bristled

8951

4228

gold, smooth, seg

8952

4229

straw, bracic, glut, sm

8953

4229

pure straw, com
" gold com

Cross G (CI-5810 x CI-4011)

4230

long ogl, amber, rough

8954

4230

short ogl. red. rough

8955

4230

short ogl, pr/red seed,

8956

4230

amber seed, short ogl

8957

4230

long ogl, amber, pure strain

8958

4230

strain, white seed, sh ogl.

8959

4230

deep pr organs
long ogl
pr/red seed

8960

4231

pr/red seed
long ogl
str. hille

8961

Cross G - (CI-5810 x CI-4011)

8962 4231
mpr hulls
pr seed
segendo

8963 4231
straw
pr internode
long ogl.
red seed

8964 4231
pr seed,
dup pr plant, long ogl

8965 4231
ambur seed
long ogl.
deep pr plant
straw hulls

8966 4232
pr G, shortage
ambur seed

8967 4233
pr gold, long ogl
pr seed

8968 4233
pr G, long ogl
red seed

8969 4233
red seed
long ogl.

Cross G (CI-5810 x CI-4011)

4233

long ogl

8970

4234

gold long,
amber seed

8971

4234

gold, long
pr seed.

8972

4235

dark pr plant
gold long
pr seed

8973

4236

gold, red seed, short ogl.
no pr.

8974

4237

red seed, seg ends
gold, sh ogl

8975

4237

red seed, glut
gold.

8976

4238 Cross H (CI-1645 x CI-5309)

purple
glut, white seed

8977

Cross H - (CI-1645 x CI-5309)

8978 4239
mrg glut.

8979 4240
gold pr apex
corn

8980 4240
gold, pr apex
glut.

8981 4240
straw pr apex
glut.

8982 4241
gold, corn

8983 4241
mrg/gold
corn.

8984 4242
gold pr apex
glut.

8985 4244
pure straw
corn

Cross H-(CI-1645 x CI-5309)

4244

8986

gold, long ogle
pr seed, com

4245 Cross I (CI-6011 x CI-5810)

8987

piebald, Amber.

4245

8988

straw
deep amber

4245

8989

straw
light amber

4245

8990

gold
furrow or pr G. type
deep amber

4245

8991

gold
amber.

4246

8992

piebald
white seed

4246

8993

deep piebald
white seed

Cross I (CI-6011 x CI-5810)

8994

4247

deep purpled
white seed

8995

4247

purpled
ambered

8996

4247

purpled
l. ambered

8997

4247

purpled
white seed

8998

4248

straw
amber seed

8999

4248

gold
white seed

9000

4248

straw
l. amber seed
L

9001

4248

gold
white seed

Cross I (CI 6011 x CI-5810)

4248

9002

straw
amber seed

4249

9003

gold
amber seed

4243

9004

straw, pre apex
gent.

4250

Cross J. (Blackhull Red x CI-6011)

9005

pr Gold
red seed

4250

9006

Black
red seed

4250

9007

straw
red seed

4252

9008

POB
red seed

4253

9009

straw
pre apex
red seed

- 9010 Cross J (Blackhull Red x CI-6011)
4253
pure strain
red seed
- 9011 4255
dark p. G.
red seed
- 9012 4256
p. G., p. apex
red seed
- 9013 4256
light p. G.
red seed
- 9014 4257
black/gold
red seed
- 9015 4258 - Cross K - (CI-1645 x Blackhull Red)
bl/gold (good type)
red seed
- 9016 4258
pure gold
- 9017 4258
pure black
Row seg str & black

Cross K. (CI-1645 x Blackhull Red)

4259
straw, pr apex

9018

seg straw pr B

4259
pure straw

9019

4260
gold
white seed

9020

4261
pr B
red seed

9021

4263 Cross L. (Blackhull x Italian)

9022

black awns

4264
Black pr apex
red seed

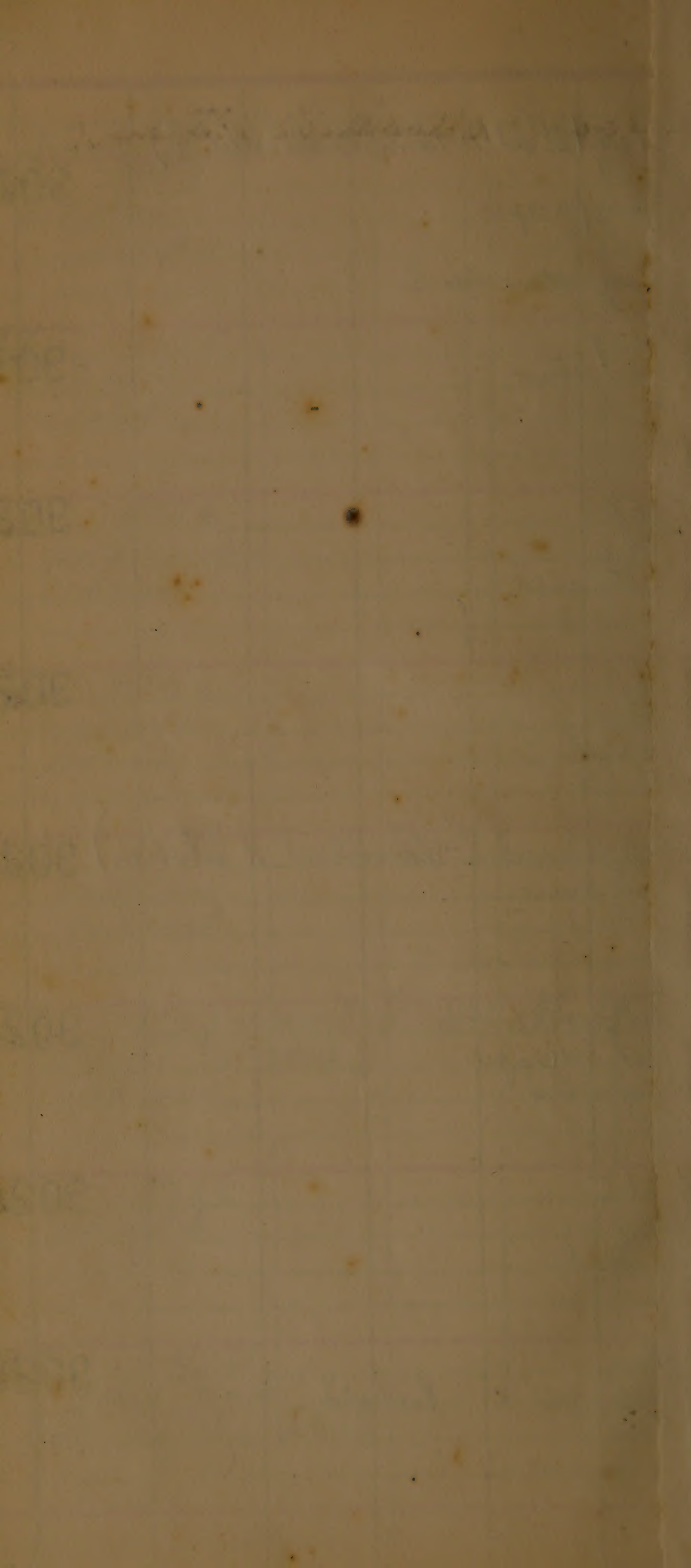
9023

4265
pr G,
red seed

9024

4265
Black/pr gold + Piebold

9025



Grass L - (Blackhull x Italian)

4266

9026

gold
pr apic, red seed

4268

9027

pure straw

4268

9028

Straw, pr apic

4270 Grass M (Blackhull x CT-5309)

9029

Black
white seed
glut

4270

9030

Black
white seed
seg ends (may be glut)

4270

9031

straw
red, corn

4270

9032

straw
white, corn

4271

9033

Bl / pr Gold
white, corn

seg gold + Bl / 6

Cross M (Blackhull x CF-5309)

9034 4271

Bl/pa G.
white, corn
seg pa G & Bl/pa G

9035 4271

pa G
white, corn

9036 4272

Bl/pa G
white, corn

9037 4275

emp, white
corn

9038 4275

Black,
red, corn
seg Bl & str

9039 4276

pa G, white, seg

9040 4277

pa G
pr apia, white
glut

9041 4279

gold, white corn
gold in this cross is a
dark furred type.

Cross M (Blackhull x CI-5309)

4280

straw, red

9042

4281 Cross N- (Italian x Southern)

straw
pr apic

9043

4281

pure straw

9044

4281

pa G
gr apic

9045

4283

pa G
pr apic

9046

4285 Cross- O (Southern x Blackhull)

bl/gold

9047

4286

Black

9048

4289

straw

9049

seg str + pa G

Cross O-Cloutham x Blackhell

9050

4289

pa G.

9051

4293

pa G.

9052

4294

Cross-P(CI-6/21-3 x BR)
red hulls rough

9053

4297

mred, smooth

9054

4297

light mred, smooth

9055

4297

m. red, smooth

9056

4298

m. red, rough

9057

4306

Cross - R(CI-1645 x BR)

straw

Cross R-(CI-1645 x BK)

4307
gold

9058

4309 Cross-S (CI-4011 x BK)

straw
red glut
short ogl.

9059

4310

pr, glut
long ogl.

9060

4310

pr, glut
short ogl.

9061

4311

pr glut
long ogl.

9062

4312

white, red
long ogl.

9063

4313 Cross-T-

pr, glut

9064

4316

straw

9065

9066 Crass-T (4316)
straw, corn

9067 4318. Crass U (CI-4011) x Black hul
Black
long o gl

9068 4318
straw
long o gl

9069 4319
Bl/po gold

9070 4319
po gold

9071 4320

9072 4320

9073 4321
pa gold

Cross U (CI-4011 x Blackbull)

4321
straw

9074

4322

9075

4323

9076

4324

9077

4326 Cross V-(CI-1962 x CI-5810)
gold

9078

4326
deep gold

9079

4326
deep gold fur

9080

4326
deep gold fur, pt tip
seg pr color

9081

Cross V (CI-1962 x CI-5810)

9082

4327

all gold

9083

4328

lights dark purple

9084

4328

purple + po G

9085

4328

purple + po G

9086

4329

po G buds, pr plant

9087

4330

seg - str + po G

9088

4330

straw

9089

4330

$\frac{1}{2} \text{ Bl.} + \text{Bl.}$, $\frac{1}{2} \text{ G} + \text{Cl/G}$

Crass V. (CI-1962 x CI-5810).		
4331	all light pr G with mapis	9090
4331	seg str & pr G	9091
4332	seg str, pedicel + gold	9092
4332	seg pr G, pedicel & gold. 4 <u>also</u>	9093
4332	seg pr G + gold <u>3 also</u>	9094
4332	gold-husk + internode no pr, white seed	9095
4332	pr gold amber seed	9096
4300	mr	9097

9098 4300

9099 4301
mr, smooth

9100 4303
deep red smooth

9101 4304
pa gold

9102 4308
rp, com
long oge

9103 4308
red glut
long oge.

9104 4309
white, glut
short oge.

9105 4334 Cross X (CI-5398 x BR)
straw
com

Cypre X-(CI-5398 X BR. 4334 po G com	9106
4335 straw, glut	9107
4336 po G glut	9108
4337 com	9109
4339 po G glut	9110
unknown straw, pr seed, com	9111
unknown po G, amber, com	9112
unknown po G, amber, com	9113

9114 unknown
white hulls

9115 F4 32/2 x BR

9116 do.

9117 ~~BR 32/2~~ CI-32/2 x BR
38-4929

9118
38-4929

9119 38-4972
white

9120 38-4972
white

9121 38-4978
white

38-4978
white

9122

38-4934

9123

38-4934

9124

Parent Material

4341

red furrow, smooth

9125

4341

pr furrow, smooth 2 sets
appears to be very fine red

9126

4342

red fur, rough

9127

4342

red fur, smooth

9128

4343

calor

9129

9130 4344
Car. gold.

9131 4345
CT-1546

9132 4347
CT-6121-3

9133 4350
CT-4504.

9134 4353
CT-5173

9135 4355
Station Red

9136 4356 ✓
Blackhall Red

9137 4357
Southern Red

4358
CI-3025, straw culms.

9138

4359
CI-3025, pr culms.

9139

Seg for pr color in plant.
Several selections made.

4360
CI-5309

9140

4361
CI-6011.

9141

4362
CI-5810.

9142

Date

✓	no seeds	Harvested		
✓	17 seeds - 3 sterile	8/13	OK.	7/23/40
✓	13 seeds - 8 sterile	8/13	OK.	"
✓	21 seeds - 14 sterile	8/13	OK	"
✓	11 seeds 5 sterile	8/13	OK.	"
✓	12.	8/9	OK.	7/24/40
✓	2 seeds set			"
✓			OK.	"
✓	9-seed 7 sterile	8/13	OK.	7/25/40
	1 seed	8/19	OK	7/24/40
	many seeds on both	8/13	OK.	7/25
✓	13 seeds - 18 sterile	8/19	OK.	7/27/40
✓	13 seeds - 9 sterile	8/19	OK.	"
✓	3 seeds - 20 sterile	8/19	OK	"
✓	9 seeds - 9 sterile	8/19	OK	"
		8/29	OK	7/29/40
		8/29	OK	"
		8/29	OK	"

Crosses made



no	♀			Source ♂ (1st date seed)
401A	C2854-3	x	B2913A29-1-1	(no 1)
402A	Blue Rose	x	"	"
403A	C2854-3	x	Colusa	(1st date seed) no 10
404A	C2854-3	x	E. Pool (Candy)	adv. A no. 12
405A	Mult. Rec. (405)	x	Brittle straw (407)	
406A	F(3921A2)		not fertilized	
407A	F(3921A1)	x	Mult. Rec (324)	
408A	C2854-3	x	Shesmer	(1st date seedling) no 23
409A	38-4061	x	Blue Rose	
4010A	2. Blue Rose panicles. 10 mm 42° at 11:20 to 11:30. Just florets that were open, treated remainder clipped off. Florets were checked when removed			
4011A	C2854-3	x	Caloro	(1st date seedling) no. 24
4012A	C2854-3	x	Delitus	(1st date seedling) no 41
4013A	C2854-3	x	Zenith	(1st date seedling) no. 9
4014A	C2854-3	x	Blue Rose (5183)	covered plant
4015A	B2912A12-1-1	x	C2854-3	pl-3
4016A	B2912A47-1-1-1-1	x	C2854-3	pl-3
4017A	S2914A18-3-8-13	x	C2854-3	pl-3

10 seeds - 15 sterile	8/13	OK	7/30/40	
18 seeds - 10 sterile	8/19	OK	↓	
1 seed		OK		
none (made over)	no		7/31/40	
p. 3		OK	↓	
none, made over	no			
none, made over	no			
5 seeds - 9 sterile	8/19	OK		
10 seeds - 8 sterile	8/19	OK		
10 seeds - 4 sterile	8/19	OK		
none, made over	no			
none	8/30	one seed OK acc storm	8/3/40	
4 seeds - 6 sterile	8/30	OK	↓	
13 " - 10	8/30	OK		8/5/40
8 " - 10	8/30	OK		
13 " - 9	8/30	OK		
4 sub - 20 sterile	8/30	OK		
9 " - 8 "	8/30	OK		
1 seed - 7 sterile	8/30	no		
none	8/30	no	↓	
3 " - 16 "	8/30	OK		8/6
3 " - 15 "	9/4			8/6

- 4018A *stern Prog* x *Spain jay*
- 4019A " x B2912A13-2-2-1- (1st det. seedling)
- 4020A *Edith* *Haploid* fertilized
- 4021A B321A2-8-2-1 x *Rivora* (covered plant)
1st det. seed. pl-2
- 4022A B321A2-8-2-1 x B3313A1-4 (covered plant)
pl-2
- 4023A B323A2-8-2-1 x *Blue Rose* (7183) covered pl
1-n 2
- 4024A B323A2-8-2-1 x C2854-3 covered pl
1-n 2
- 4025A B3313A1-16-1 x B3313A1-4 covered pl
no. 2
- 4026A B3313A1-16-1 x *Rivora* covered pl
no. 2
- 4027A B323A5-8-1-1-1 x *Rivora* covered pl
no. 2
- 4028A B323A5-8-1-1-1 x B3313A1-4 covered pl
no. 2
-
- 4029A B3313A1-4 x *Rivora*
- 4030A B3313A1-4 x B324A18-2-1
-
- 4031A B324A1-8-2-1 x B323A5-8-1-1-1
- 4032A B324A1-8-2-1 x B21A2-8-2-1
- 4033A B324A1-8-2-1 x B313A1-16-1
- 4034A B324A1-8-2-1 x B21A2-5-1-1-1 (covered pl 12)
- 4035A B324A1-8-2-1 x *Rivora* " = ?
- 4036A B324A2-5-1-1-1 x *Rivora* " "
- 4037A B321A2-5-1-1-1 x B321A2-8-2-1
- 4038A *Rivora* x *Delite*
- 4040A 2920A4-4-1-1 x 2912A13-2-2-1-1 (yellow, poll)

Jones Combination Cresses

1940 Season

Rec'd No	♀		♂	No Seeds
7/25/40 8/19 1" x 3"	(3927A1 1 x 4)	x	(3930A1 2 x 3)	10
7/25/40	(3926A5 1 x 4)	x	(3930A1 2 x 3)	none
7/25	(3926A6 1 x 4)	x	(3930A1 2 x 3)	none
7/25-8/19	(3926A7 1 x 4)	x	(3930A1 2 x 3)	7
7/26-8/13	3930A1 (2 x 3)	x	3927A1 (1 x 4)	2
7/26 8/19	3928A10 (2 x 3)	x	3927A8 (1 x 4)	16
8/3	3928A10 (2 x 3)	x	3927A12 (1 x 4)	none but not pro nally then has been by chipping
8/2	3928A6 (2 x 3)	x	3927A12 (1 x 4)	7
8/2	3 3927A4 (1 x 4)	x	3928A3 (2 x 3)	8
7/26-8/19	3926A7	x	3928A3	24
7/26-8/19	3926A7	x	3928A10	18
8/6 2" x 3"	3932A10	x	3927A12	11
8/6 2" x 1	3932A10	x	3927A8	11
8/6 2" x 1	3932A10	x	3928A6	12
8/6 3" x 2"	3928A1	x	3932A3	4
8/6 3" x 2"	3928A1	x	3931A2	3

Jones Combination Crosses

6

GOVERNMENT PRINTING OFFICE 8-209

$$1 = (\text{Shoe} \times \text{EP}) \times (\text{Caloro} \times \text{Calady})$$

$$2 = (\text{Del} \times \text{Rex}) \times (\text{Calady} \times \text{BK})$$

$$3 = (\text{Caloro} \times \text{BK}) \times (\text{Caloro} \times \text{Calady})$$

$$4 = \text{Fortuna} \times \text{BK}$$

$$(1 \times 2) \times (1 \times 4)$$

$$(1 \times 3) \times (2 \times 5)$$

$$(1 \times 2) \times (2 \times 4)$$

$$(1 \times 4) \times (2 \times 3)$$

$$1'' = 1 \times 4$$

$$2'' = 2 \times 4$$

$$3'' = 2 \times 3 \text{ or } 3 \times 2$$

1940 Crosses
1" x 2" and 1" x 3"

Have

no
and

$$8/23 \quad 3 \times 1 (3929A2 \times 3926A8) \quad 23 \text{ fl.} \quad 0$$

$$8/23 \quad 3 \times 1 (3929A2 \times 3927A6) \quad 44 \text{ fl.} \quad 0$$

$$8/23 \quad 10/9 \quad 3 \times 1 (3929A2 \times 3927A7) \quad 48 \text{ fl.} \quad 4$$

$$8/27 \quad 10/9 \quad 1 \times 2 (3927A6 \times 3931A1) \quad 29 \text{ fl.} \quad 10$$

$$8/27 \quad 10/9 \quad 1 \times 2 (3927A6 \times 3931A3) \quad 58 \text{ fl.} \quad 17$$

$$8/27 \quad 10/9 \quad 1 \times 2 (3927A6 \times 3932A5) \quad 39 \text{ fl.} \quad 12.6$$

Notes made by

Nu

change to 8 & 9

3926A4X	3933A12	1"x2"	Date, 8-30
3926A5X	3933A12	1"x2"	" "
3927A13X	3933A12	1"x2"	"X
3933A8X	3927A11	2"x1" 2	pm 8/31X
3928A5X	3933A8	3"x2" 2	pm 9/2X
3927A3X	3933A8	1"x2" 2	" " X
3927A3X	3933A10	1"x2"	" X
3927A9X	3933A8	1"x2"	9/3X
3927A9X	3933A12	1"x2"	9/3X
3927A11X	3933A8	1"x2" 2	9/4X
3933A4X	3927A2	2"x1"	9/5X
3927A5X	3928A5	1"x3"	9/5X
3927A5X	3926A4	1"x2"	9/6X
3933A11X	3927A2	2"x1"	9/9X
3933A11X	3932A8	2"x2"	9/9X

Locality, -----

Subject.

advise Jones that these were listed as

2922A3 & not 2927A3

4040B (2920A9-9-1-1 x 2912A13-2-2) 1/16 hr pollen
4040C

4041A B321A2-5-1-1-1 x B321A2-8-2-1

4042A B321A2-5-1-1-1 x B321A2-8-2-1

4043A B321A2-5-1-1-1 x Reporo

4044A B323A2-8-2-1 x Blue River 1st day seed

4045A B323A2-8-2-1 x C2854-3 "

4040D 2920A9-9-1-1 x 2912A13-2-2-1-1 16 hr pollen

4040E " x " 40 hr pollen

4046A 2920A9-9-1-1 x C2854-3

4047A 2913A31-2-1-4 x C2854-3

4053A Liguleless x Long. o gl. (9063)

4054A " x multi raceme

4055A " x Brittle straw

4055B " x "

4057A " x CI-5173

8/17

Nov

8/17

Nov

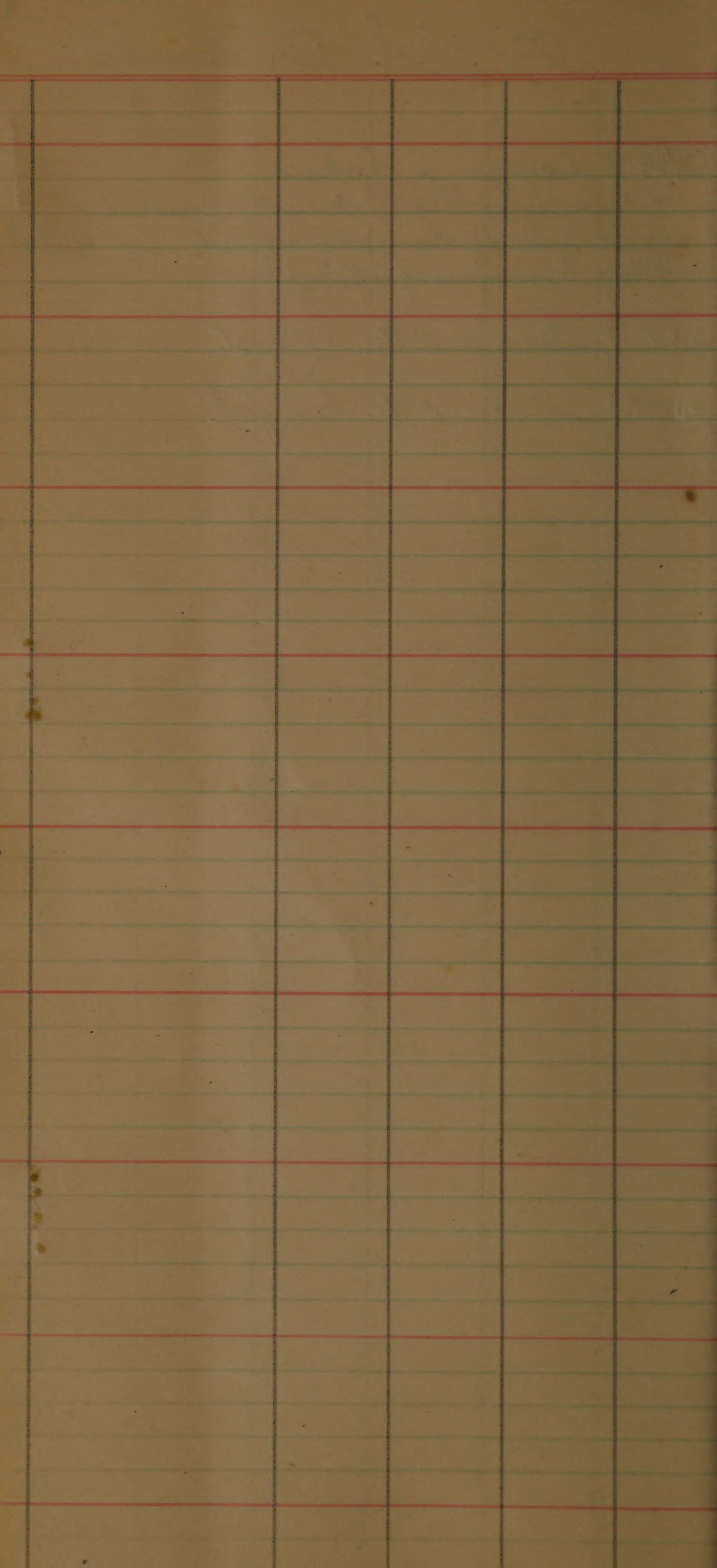
8/17

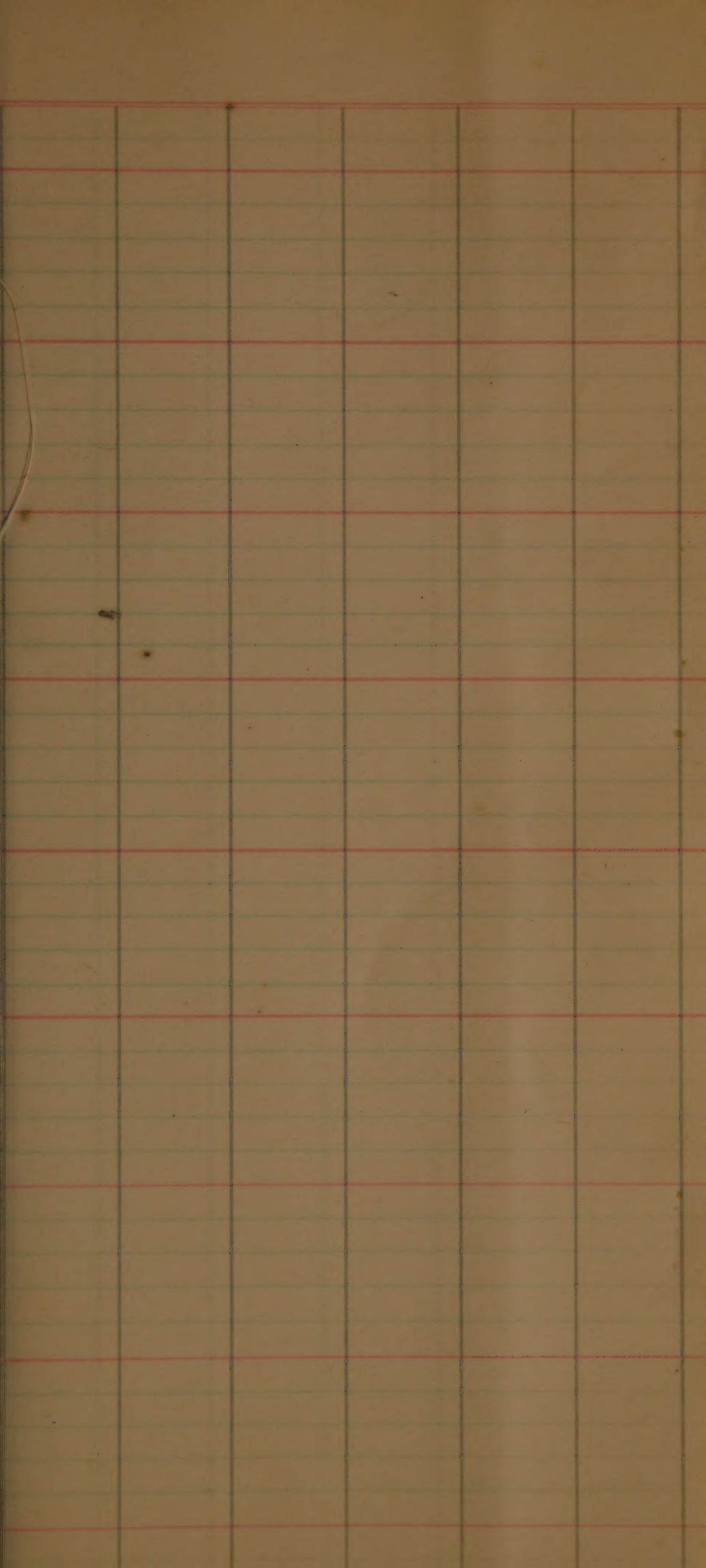
Wild Crosses

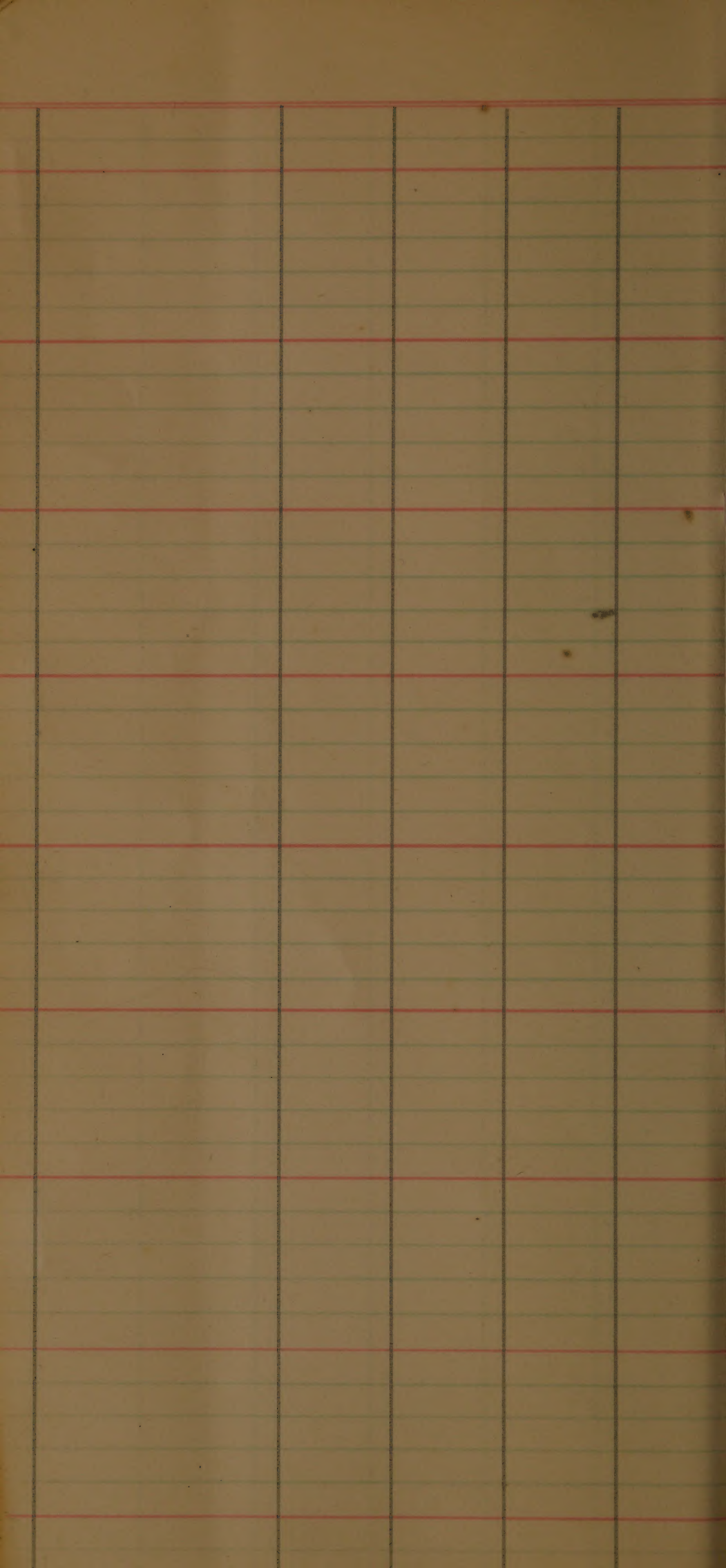
4091A *O. longi* x Caloro.
 3 lower branches pollen not removed
 next 2 branches pollen removed, not fertil
 4 top branches fertilized.

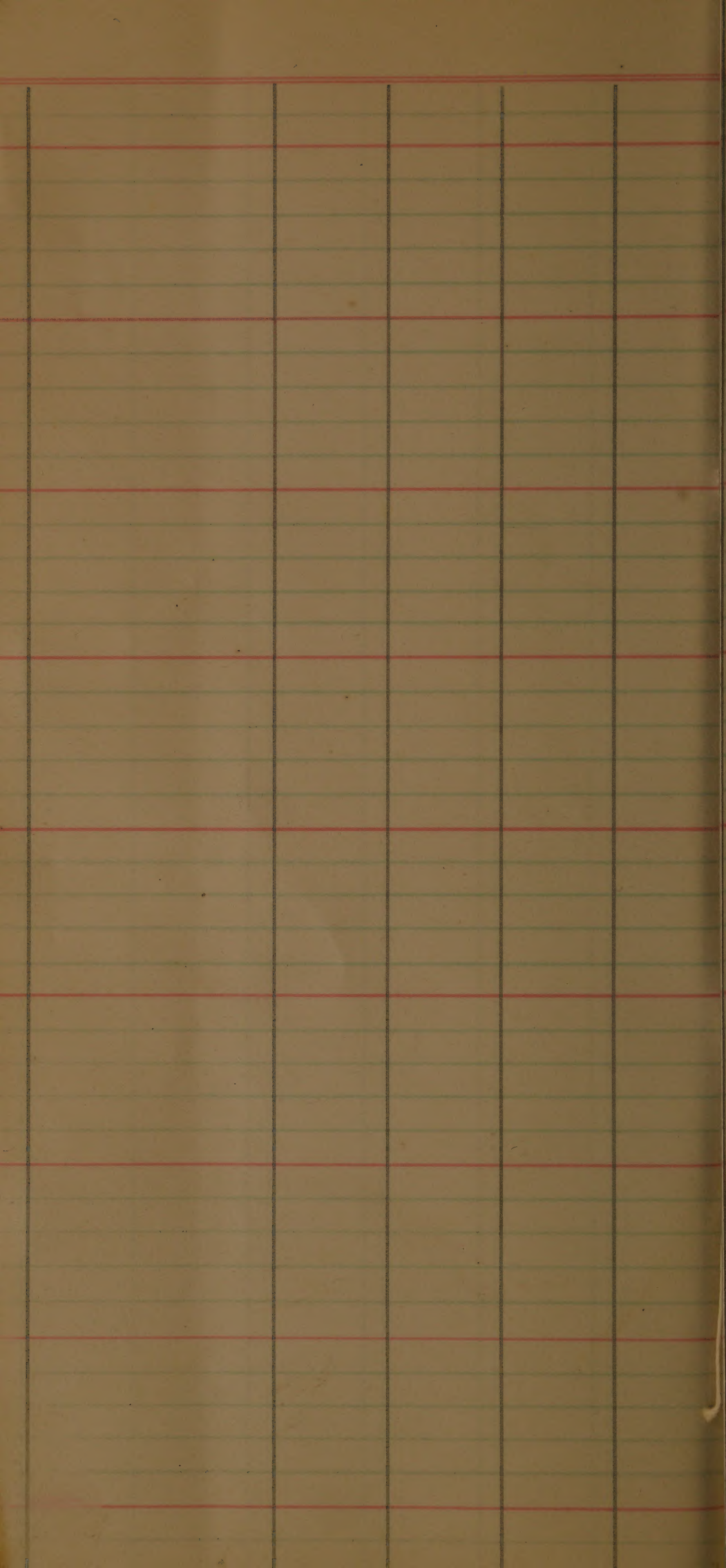
4092A Blue Rose x *O. longist* Kv

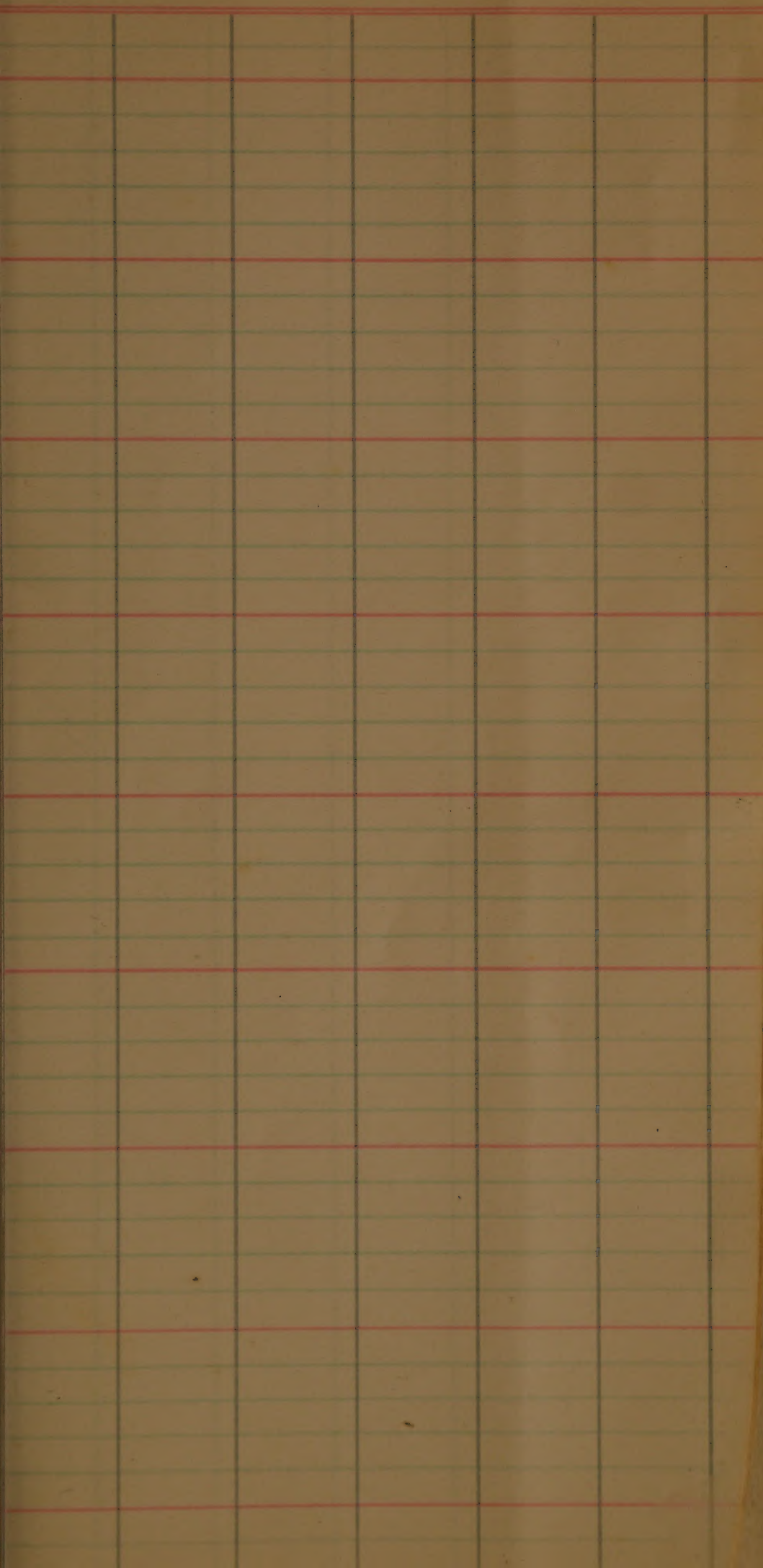
4093A Caloro x *O. longist* Kv

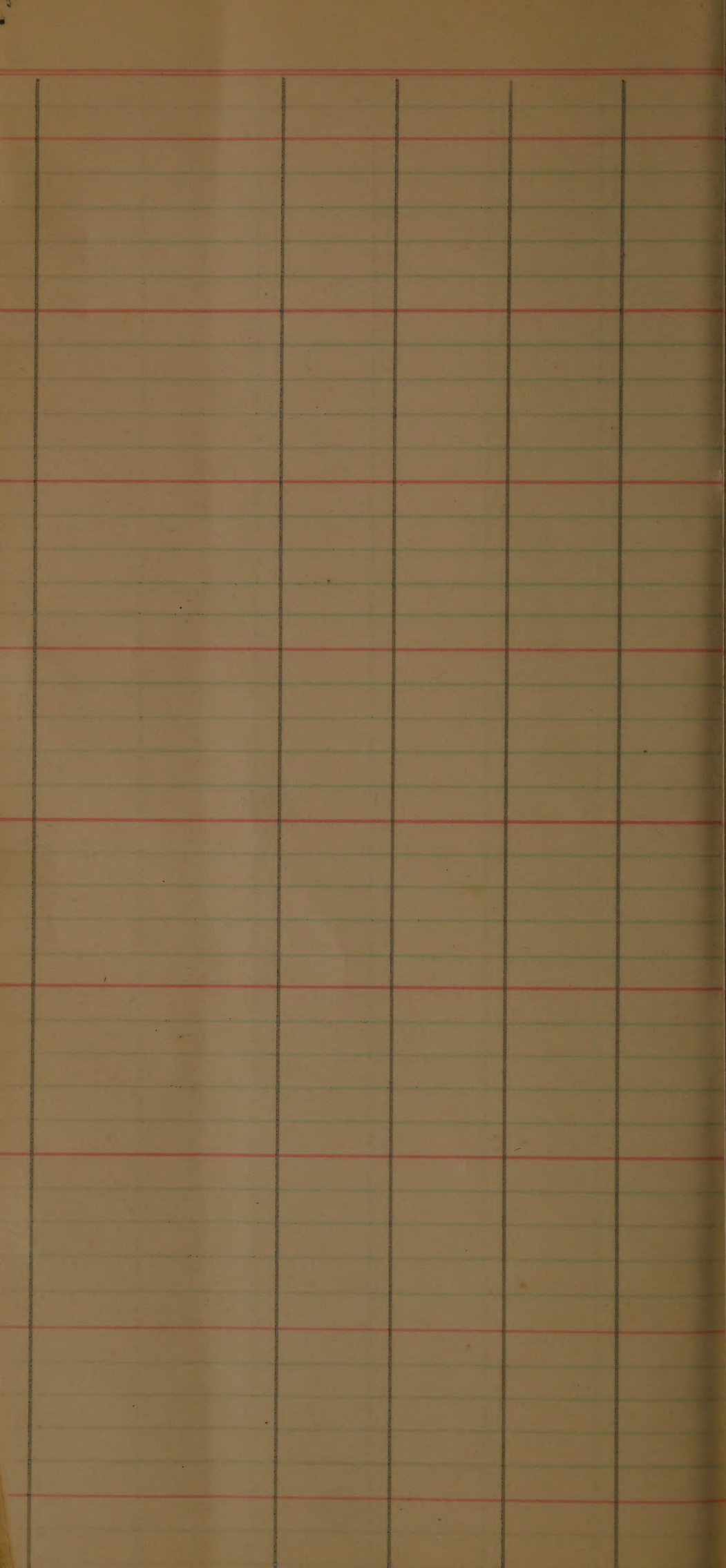


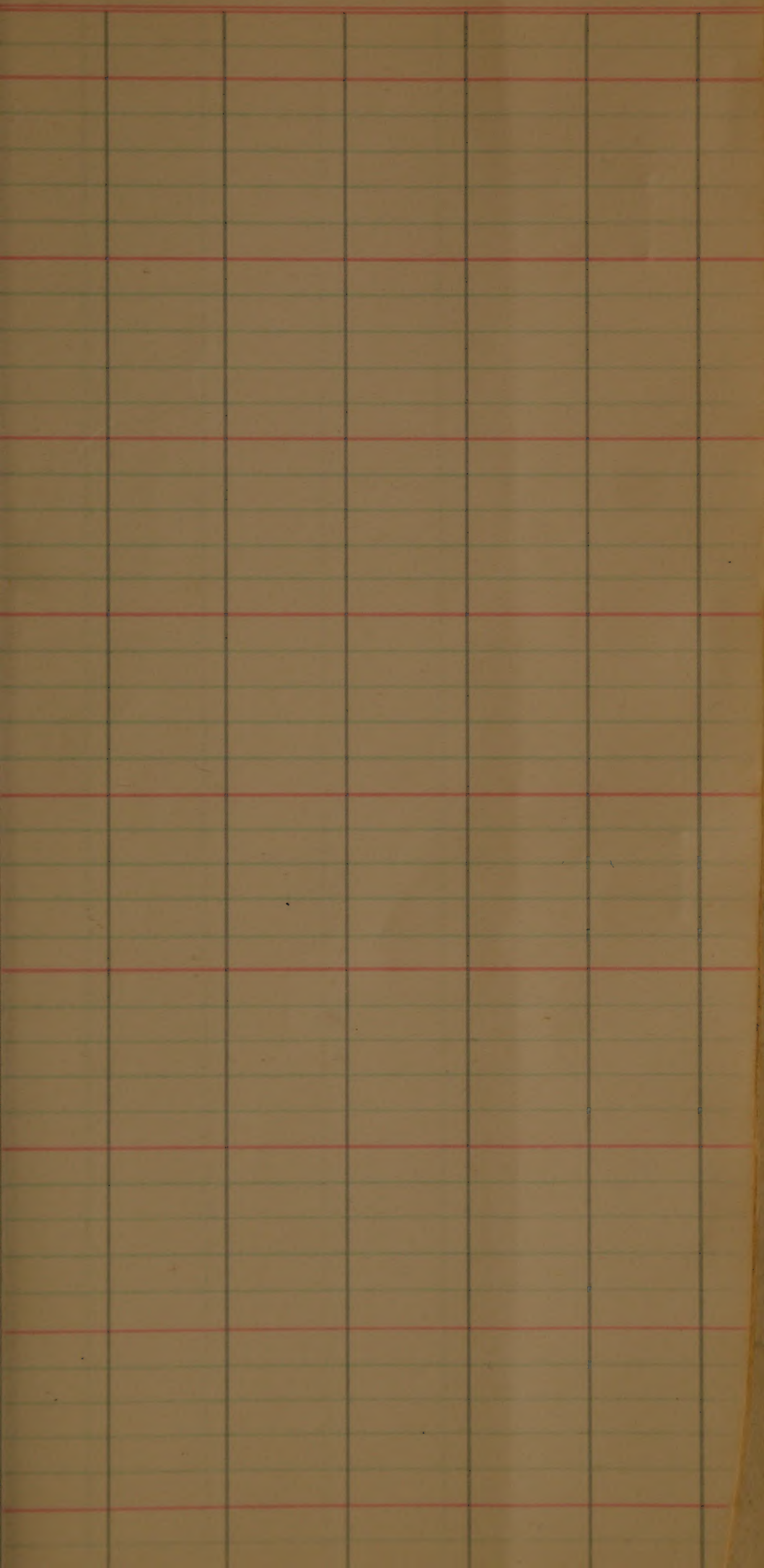


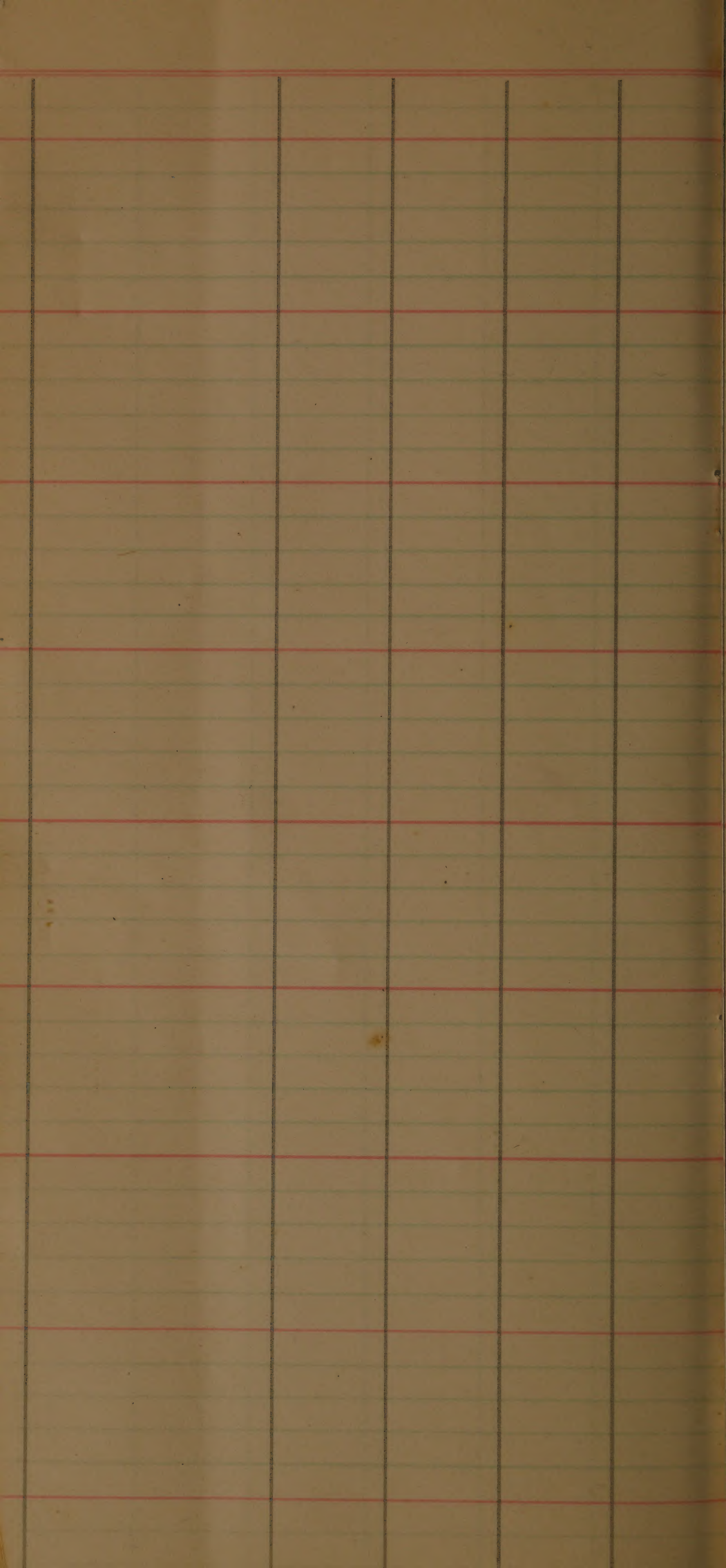


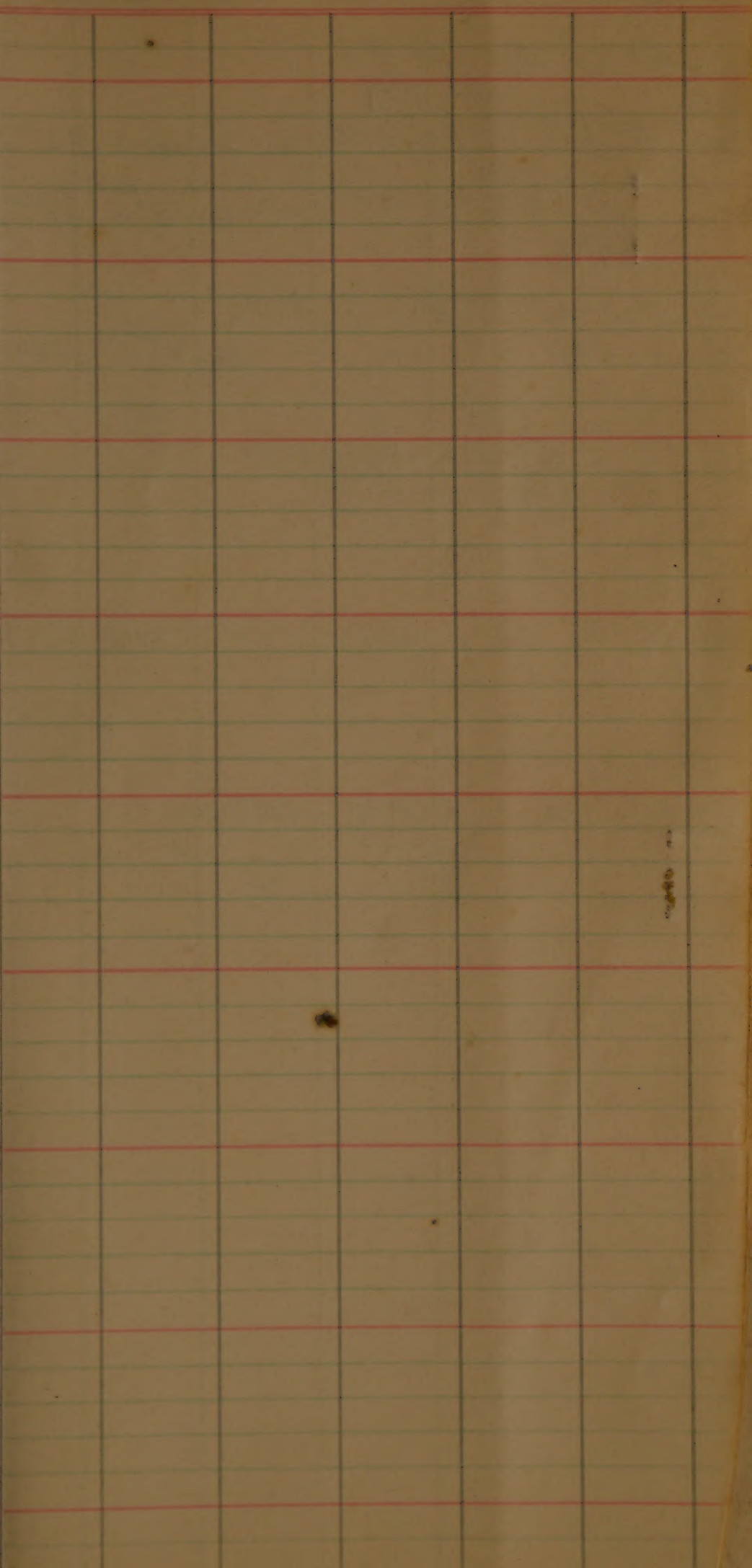












Low Temperature treatments on Sept 10 1940

(26) X-1 Bloomed 9/9 (4 pencils) temp = 40° F,
! 8:45^{AM} to 10:45^{AM} and 2:15^{PM} - 5pm.

Bloomed 9/10
(27) X-2 = 2:15 PM - 5 PM
(28) X-2 A = " " " " and 10:45 AM to

(29) X3 = 5^{9/10} PM - 9 PM
9/10 9/11

(30) X-4 = 5 PM - 9 PM and 10:45 AM to
9/11

(31) X5 = 5^{9/10} PM - 8:45 AM -
9/10 9/11

2 Pm

•
•
•
•

2 Pm

•
•
•
•

✓

Harvested,

9/11		OK.	8/10
"	1 seed	✓	8/12
"	no seeds	✓	8/12
"		OK.	
"		OK.	
"		OK	8/12
"	5 seeds	OK	8/15
9/23	14 florets		8/20
9/23	4067C pollen from 2 plants		8/16 + 8/20
9/23			8/20 + 8/16
9/23			
9/23			8/26
9/23			8/26
9/23			8/27
9/23			8/26

Jones Caloro plants to save
normal + large seeds from 55
single plant of 52 seed of 45, out + thick

cut +	4053A
cut +	4054A
cut +	4055A
cut +	4056A
	4055B
	4057A

Caloro Cornbinations ⁷⁹ Done

4061B	2x6	Cal A x Cal G	X
4061A	2x6	or Caloro A x G (field pollen)	X
4062A	2x6	or Caloro A x G (old storage pollen 2 days)	X
4066A	2x11	Cal A x normal (among cornb.)	X
4064A	3x11	Cal-B x normal	X
4063A	4x11	Cal-C x normal	X
4065A	11x54	normal x P15-1, pl-3	X
4068A	54x11	P15-1, pl-3 x normal	X
✓ 4067A-B	55x54		X
✓ 4069A	54x5.5		X
4074A	Trip x 11		X
4071A	11 x Trip		X
4070A	Trip x 57		X
4073A	Trip x 54		X
4072A	54 x Trip		X

HAP x 11

seed of mutant & seed to W. J.

Recessive Cornb.

8/29 Liguleless x Long ogl (9063)

8/29 " x multi Rec (8934)

8/29 " x Bottle Straw

8/29 Long ogl (9062) x multi Rec.

9/2 Liguleless x Bottle straw

9/2 Liguleless x CI 5173 pl-375

Ratio Corn - glut Pollen 392/A2 =
12 blue to 60 yellow

Plants covered June 20, 1940
South cage

52 Blue Rose
54 C55543
64 Ratio
65 B3313A1-4
67 B324A1-8-2-1
69 B321A2-5-1-1-6
88 F(4700 X Rexon) west and (F1 Colusa X Culman)

North cage

52
54
64
65
67
69

Rexon (west) } F1 Fort X Bk (east) } started
F1 Colusa X Culman (west) } 7/30/40

Buckle str
Caloro 1st date breeding
SP
AP 8
OR date and
C2854-3 "

Caloro Crosses for Jones

2 x 6 Caloro A x Caloro G 4061a

3 x 11 Caloro B x Caloro

4 x 11 Caloro C x Caloro

11 x 54 Caloro 2N x Caloro P15-1 pl 3

54 x 11 reciprocal

54 x 55 Caloro P15-1 pl-3 x Caloro (cal 19)

55 x 54 reciprocal

Tripp x 11 Caloro P15-1 pl 4 x Caloro 2N

11 x Tripp reciprocal

Tripp x 57 Caloro 15-1 pl 4 x Caloro P18-1 pl-5

Tripp x 54 Caloro 15-1 pl 4 x Caloro P15-1 pl 3

54 x Tripp reciprocal

H Ap x 11 Caloro Nepl x Caloro Normal

9th Feb now

SCALE FOR ESTIMATING RUST.

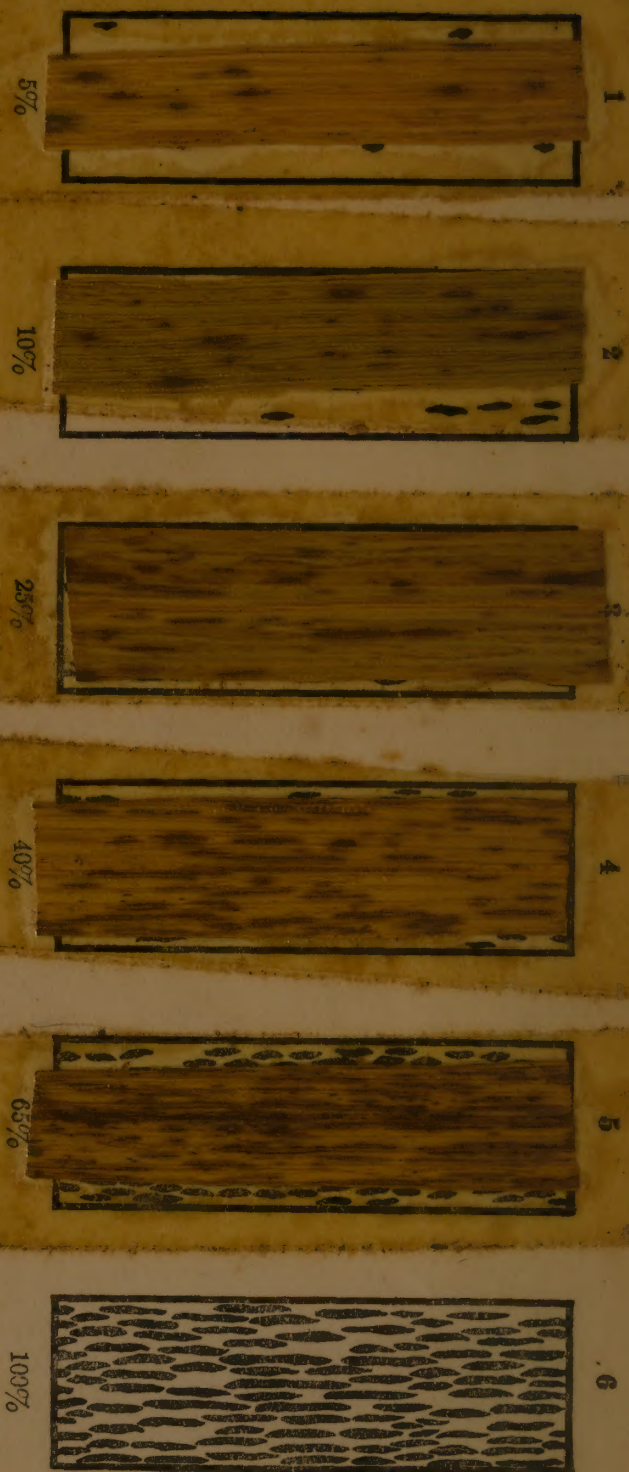


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 57% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust, these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Outstanding 3715A lines =

3715A22 acc quality
A40, ✓ good my last row a

Haptoidae

2777

2892

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

.....TEST OF....., 19.....

.....
CONDITIONS OF EXPERIMENT.
.....

PLOT.

Location.....

Size.....

SOIL.

Kind.....

Position.....

Previous crop.....

NAME AND CONDITION OF MACHINERY.

Plow.....

Disk.....

Harrow.....

Seeder.....
.....

SEED.

Variety.....

Weight per bushel.....

Source.....

Treatment.....

SEED BED.

Preparation:

1.

2.

3.

4.

5.

6.

SEEDING.

Manner.....

Date.....

Rate.....

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder_____

SEED.

Variety _____

Weight per bushel _____

Source_____

Treatment_____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder_____

SEED.

Variety _____

Weight per bushel _____

Source_____

Treatment_____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner_____

Date _____

Rate _____

.....TEST OF, 19.....

CONDITIONS OF EXPERIMENT.

PLOT.

Location.....

Size.....

SOIL.

Kind

Position

Previous crop

NAME AND CONDITION OF MACHINERY.

Plow

Disk

Harrow

Seeder.....

SEED.

Variety

Weight per bushel

Source.....

Treatment.....

SEED BED.

Preparation:

1.

2.

3.

4.

5.

6.

SEEDING.

Manner

Date

Rate

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

✓ only at Beaumont

2001

1st trip 1st trip

7211 ✓ CI-6750

5 -
10 -0

2002

7213 ✓ CI-7034

2003

-1
5
10 -0

7213 ✓ CI-7034

2004

-1
15
25 - 5 very large spots

7196 ✓ B34H-66-1(1645x5309)

2005

15
20 -0

7218 4C-17-122, KxH

2006

-1
10
20 -0

7219 4C-17-124, KxH

2007

10
20 -w

7220 S283A9-6-1-1, ExF

2008

-1
10
20 -155-7

2274 Blue Rose (HAK) o.s.

2277 Blue Rose (H.K.) o.s.

10
15 - W

2009

2278 Blue Rose (H.K.) o.s.

10
20 - 0

off
type 2010

2279 Blue Rose (H.K.) o.s.

15
25 - 0 - ?

2011

2304 ✓ B332³⁸_N - 1 Rx 7482

15
35 - 0

2012

2308 ✓ B332³⁸_N - 1 "

15
45 - 0

2013

2310 B332~~0821~~ Rx 7482

15
25 - W.S.

2014

2311 - B332~~0822~~ Rx 7482

10
20 - 105

2015

2313 ✓ Rx 7482

15
30 - 55

2016

Ho - Cercospora

Full Hd

2321 333B38-1, 7482xF

2017 15
30 - 55 - ?

2322 333B38-1-2, 7482xF

2018 -1 15
25 - 75

2323 333B38-2-1, 7482xF

2019 15
20 - 0

1- Early Prolific, Check

2020 15
25 - 25

8/15

2329 334B38-1-1, 7482xD

2021 -1/10
10 - 0 - ?

2336 337B38-1 7482x5094

2022 5
15 - 75 - ?

2404 B337A7-3-2-1-2, 7482x5094

T=V.G. for Ho.

10 - 20

2023

2405 B337A7-3-2-1-3, 7482x5094

15
25 - 15

9/5

2024

2388	B33/4B3923	Full Head	7689xCO.	2025
20 (blotch)		9/10		
35 - 15 - ?				
2391	B33/4B3811-1		7689xCO	2026
5		seq		
15 - 0		mostly 9/5		
2379	B33/2B3811-1		7689xD	2027
25		seq		
35 - 155 - ?				
2381	B33/2B3812-1		7689xD	2028
15		9/10		
20 - 0		some seq		
7150	✓B35/2A2-54-1 (SPxSJ)xBR.			2029
15				
20 - 155		seq		
5008	F379A1-1-2	(KXH)x(SPxSJ)		2030
T-10 (seq)				
5-20 seq - tws		seq		
5008	379A1-2		"	2031
15		seq		
10-30 seq - 0		some E's		
5008	379A1-3		"	2032
5				
10-20 seq tw seq		seq some E's		

2043 end of replicated early series

2033 5008 F₃ 379#1-4 (KxN)x(SPSS)
T-5 seg
5-20 " to seg

2034-1 5008 " -5 "
5-10 (seg)
5-15 " -to seg
~~M-Prod~~

2035 5008 " -6 "
5-10 (seg)
5-25 " 5 seg

2036 5008 " -7 "
5-10 (seg)
10-20 " to S
for ability to yield
5'

2037-4 5008 " -8 "
10
10 - 0

2038 5008 " -9 "
5
5-15 seg 10 S

2039 5010 F₃ 3711#2-7 (KxH)x(SPSS)
T-5 (seg)
5-15 seg 5 S

5- Shoemed, check

2040 15
25 TS 8/15

✓ Not sent to Seattle only 8
at Beaumont

5018	F ₃ 3715A6-1	F ₁ (3512A) X SBR (155)	2041
10			
20	-0	seg	
5018	" -2	"	2042
10			
25	-55	seg	
5048	F ₃ 3715A38-1	"	2043
10			
10-20	seg 105	seg	
5015	F ₃ 3715A3-1	"	2044
	1 - med		1-M
5015	F ₃ 3715A3-2	"	2045
5016	F ₃ 3715A4-7	"	2046
	0 arc. Heavy paint		3-M
	good family (5016)		
5016	F ₃ 3715A4-8	"	2047
	Panicle too short		
5016	F ₃ 3715A4-9	"	2048
			1-E

			Full Hd	
2049		5016	✓ 3715A4-10	F1(3512A)XB
2050		5016	✓ " 4-11	"
2-M			seg M & L good row 0 arc, good type	
2051		5016	✓ " 4-12	"
1-M				
2052		5016	✓ " 4-13	"
2-M				
2053		5018	✓ 3715A6-5	"
5-M	10-15		V. good family, possibly better grain quality than 3715A4 lines 0-00	
2054		5018	✓ " 6-6	"
			Poor grain	
2055		5018	✓ " 6-7	"
			8-24 Poor grain	
2056		5018	✓ " 6-8	"
3E			Poor grain	

			Full Hd		
R	5018	✓	3715A6-9 F(3512A) x SBR		2057
	5018	✓	" 6-10	"	2058
			Midseason		
			Very good row capt for quality		Harb ¹⁰ 1-M
	5018	✓	" 6-11	"	
			10-15		2059
					2-M
50	Fortuna	check			
					2060
	5018	✓	3715A6-12	"	
					2061
	5021		3715A9-6	"	
					2062
	5021	✓	" 9-7	"	
					2063
	5025	✓	3715A14-1	"	
			10-15		2064

live to end of
earlys. B. only

Full
Hd

2065

10-15

5025 F_3 3715A14-7, (3512A) x SBR

2066

5-10

5025 F_3 " 14-3, "

2067

10-15

5026 F_3 3715A15-1, "

2068

5028 F_3 3715A14-4, "

2069

2M

5027 F_3 3715A16-3, "

Excellent growth habit,
herbaceous, good family

2070

+ Co

5027 F_3 3715A16-4, "

2071

2-M

+ Co

5027 F_3 3715A16-5, "

2072

5029 F_3 3715A18-1, "

Full
Hh
5029 F₃ - 3715A18-2 F, (3512A) x SBR

0 - CO midseason

2073

10/3
Hap
2-M

5029 F₃ - 3715A18-3,

"

2074

+ CO

1-M

5030 F₃ - 3715A19-1,

"

2075

5030 F₃ - 3715A19-2,

"

2076

15

5030 F₃ - 3715A19-3,

"

2077

5030 F₃ - 3715A19-4,

"

2078

5030 F₃ 3715A19-5,

"

2079

7 Lady Wright, check

8/10

2080

Full
HA

2081

10-20

5030 F₃-3715A19-6, F(3512A)15BR

poor quality

2082

2-M

5030 F₃-3715A19-7,

O CO

good grain quality

"

2083

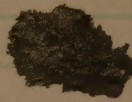
5030 F₃-3715A19-8,

"

2084

5030 F₃-3715A19-9,

"



2085

1-M

5030 F₃-3715A19-10,

"

2086

str m

5031 F₃-3715A20-2,

"

2087

5031 F₃-3715A20-3,

"

2088

5031 F₃-3715A20-4,

"

Full
Hd5031 F₃-3715A20-5,[F₁(3512A) x SBR.]

2089

1-M

5031 F₃-3715A20-6,[F₁(3512A) x SBR.]

2090

5031 F₃-3715A20-7,

"

2091

5031 F₃-3715A20-8,

"

2092

5031 F₃-3715A20-9,

"

2093

5033 F₃-3715A22-1,

"

maybe 4033

+ Co

2094

5033 F₃-3715A22-1,

"

maybe
4033

O Co

2095

1E + 1M

5034 F₃-3715A23-1,

"

2096

Full
Hd

5034 F3-3715A23-2 [F1(3512A)
X SBR]

2097

F1(3512A) X SBR

5034 F3-3715A23-3, "

to Co

2098

1-M 10-15

5040 F3-3715A30-1, "

to Co

2099

1-E 10-15

25 Edith, check.
8/9

2100

5040 F3-3715A30-2, "

to Co

2101

5040 F3-3715A30-3, "

to Co

2102

2-M

5040 F3-3715A30-4, "

to Co

2103

5040 F3-3715A30-5, "

to Co

2104

1-M

Free
Hd

5040 F₃-3715A30-6,

[F(3512A)xSBR]

2105

5040 F₃-3715A30-7,
VG to NO, E

to Co

2106

1-M

5040 F₃-3715A30-8,

"

2107

5040 F₃-3715A30-9,

"

to Co

2108

1-M

5050 F₃-3715A40-1
VG to HO 10

"

Very poor grain type + on Co

2109

5050 F₃-3715A40-2
10

"

V poor quality O-Co

2110

5050 F₃-3715A40-3

"

slg
O Co Equal negative character
but very poor grain quality + slope
leaves stay green.

2111

1-M

5052 F₃-3715A42-1,

8/27

2112

1-M

End of Replicated series

Full
Hd
(B2916A28-4-2) x (B283A5-4-4-1) 500 | F3-37/A3-1 [B2916A28-4-2 x B283A5-4-4-1]
2113 8/12

500 | F3-37/A3-2 ''
2114 8/18

500 | F3-37/A3-3 ''
2115 8/12

500 | F3-37/A3-4 ''
2116 reg

500 | F3-37/A3-5 ''
2117 8/12

500 | F3-37/A3-6 ''
2118 8/12

500 | F3-37/A3-7 ''
2119 8/12

1 Early Prolific, check
2120 8/9

Full
Hd5001 F₃ 371A3-8

(B2916A28-4-2) x (B283A5-4-4-1)

8/15

2121

5001 F₃ 371A3-9

seg

2122

5001 F₃ 371A3-10

8/15

2123

5001 F₃ 371A3-11

8/16

2124

5001 F₃ 371A3-12

8/13

2125

5001 F₃ 371A3-13

8/13

2126

5001 F₃ 371A3-14

8/23

2127

5001 F₃ 371A3-15

8/12

2128

1-E

disc all over

Full
12d
[B283AS-4-4-1]
[B283A2-7-6]
(B283A5-4-4-1) x (B283A2-7-6) 5002 F₃-372A1-1
8/15

2129

5002 F₃-372A1-2,
8/13

2130

5002 F₃-372A1-3,
8/13

2131

5002 F₃-372A1-4,
8/11

2132

5002 F₃-372A1-5,
8/15

2133

5002 F₃-372A1-6,
8/15

2134

5002 F₃-372A1-7,
8/15

2135

5002 F₃-372A1-8,
8/15

2136

5004	green arg Blgr	Full Hd F ₃ - 374A3-1 (B283A6-4-1-1-1-D) x (B283A2-7-4)	8/17	2137 3E
5004	all green	F ₃ - 374A3-2	8/17	2138
5004	arg Blgr	F ₃ - 374A3-3	8/17	2139
Lady Wright,		<u>check.</u>	8/11	2140
5004	arg Blgr	F ₃ - 374A3-4	8/15	2141
5004	arg Blgr	F ₃ - 374A3-5	8/17	2142
5004	arg Blgr.	F ₃ - 374A3-6	8/18	2143
5004	arg Blgr	F ₃ - 374A3-7	8/19	2144 4-E

B283A6-4-1-1-1-1) x (B283A2-7-6)

Full
Hd

2145

1-E

5004 gran F₃-374A3-8
seg Blt gr seg

2146

1-E

5004 " F₃-374A3-9
seg Blt gr 8/16

2147

1-E

5004 " F₃-374A3-10
seg Blt gr 8/17

2148

1-E

5004 " F₃-374A3-11
seg Blt gr 8/18

2149

5004 " F₃-374A3-12
seg Blt gr 8/17

2150

1-E

5004 Blue F₃-374A3-13
8/17

2151

4-E

5004 " F₃-374A3-14
8/19

2152

5004 " F₃-374A3-15
8/19

all these some are. He would not be for bedding

all blues bred true

19

5004	Blue	F ₃ -374A3-16 (B283A6-4-1-1-1) x (B283A2-7-6)	Full H2 8/17	2153
5004	"	F ₃ -374A3-17	8/18	2154
5004	"	F ₃ -374A3-18	8/17	2155
5004	"	F ₃ -374A3-19	8/19	2156 1-E
5004	"	F ₃ -374A3-20	8/20	2157 1-E
5004 10-15	"	F ₃ -374A3-21	8/20	2158
5005		F ₃ -375A2-1 (B283A6-4-1-1-1) x (B2916A7-3-1)	8/18	2159
Fortuna	<u>Check</u>		8/31	2160

Full
NA
(B283A6-4-1-1-1) x (B2916A7-3-1-1) 5005 F3-375A2-2 [B283A6-4-1-1-1
B2916A7-3-1-1]
8/17

2161

5005 F3-375A2-3

"

2162

8/16

1-E

5005 F3-375A2-4

"

2163

8/16

5005 F3-375A2-5

"

2164

8/17

5005 F3-375A2-6

"

2165

8/17

5005 F3-375A2-7

"

2166

8/17

5005 F3-375A2-8

"

2167

8/17

1-E

5005 F3-375A2-9

"

2168

8/17

2E

Full
Hd
5005 7₃-375A2-10 (B283A6-4-1-1-1-1)(B2916A7-3-1-1)
8/17
2169

5006 7₃-376A2-1 (B2920A9-9-1-1) x Shoemed
seg
2170

5006 7₃-376A2-2
10-35 seg
seg
" 2171

5006 7₃-376A2-3
seg
" 2172

5006 7₃-376A2-4
seg
" 2173
2-E

5006 7₃-376A2-5
seg
" 2174
1-E

5006 7₃-376A2-6
5-15 seg
seg
" 2175

5006 7₃-376A2-7
seg
" 2176
4-E
1-M

(B2920A9-9-1-1) (Shoemed)

2177

1-E

5006 F3-376A2-8,

Full

7/1

[B2920A9-9-1-1
Shoemed]

seg

5006 F3-376A2-9

"

2178

seg

5006 F3-376A2-10

"

2179

10-30 seg

seg

1-E

5 Shoemed, check.

2180

5006 F3-376A2-11

"

3-E

2181

5006 F3-376A2-12

"

2182

5006 F3-376A2-13

"

2/20

2183

5006 F3-376A2-14

"

2-E

2-M

2184

5006 ³F-376A2-15 (B2920A9-9-1-1) x (Shoemod)
5-30 seg

2185

5006 ³F-376A2-16
5-30 seg

2186

5006 ³F-376A2-17

2/22

2187

1-E

5006 ³F-376A2-18

8/20

2188

5007 ⁶F-377A1-1 (B2920A9-9-1-1) x (B2916A28-4-2)
10-30 seg

2189

Do prob a 376A line as it
is segregating for pubescence
Very outstanding row.

7-E+M

5007 ⁶F-377A1-2
5-30 seg

8/2)

" x Sho

2190

5007 ⁶F-377A1-3

" x Sho

2191

5007 ⁶F-377A1-4
10-30 seg

" x Sho

2192

4-E

Full
x2

B2920A9-9-1-1 x B2916A28-4-2 5007 F3-377A1-5 [B2920A9-9-1-1
B2916A28-4-2]

2193

2194

2195

2196

2197

2 E

2198

2 E + M

2199

2 E + M

2200

Eval. for gran
Too much dry dying
Dec acc. type and productivity

5007 F3-377A1-6

"

5007 F3-377A1-7

"

5007 F3-377A1-8

"

5007 F3-377A1-9

"

5007 F3-377A1-10

"

5007 F3-377A1-11

"

1 Early Prolific, Check
8/15

numbered 2199 (change)

Full
7/25007 F_3 - 377A1-12 (B2920A1-9-1-1) x (B2916A28-4-2)

2201

5007 F_3 - 377A1-13

2202

5007 F_3 - 377A1-14

2203

5007 F_3 - 377A1-15

2204

5008 F_3 - 379A1-10 (B291A18-1-1) x (B314A8-2-2-4)

2205

5008 F_3 - 379A1-11

2206

5008 F_3 - 379A1-12

2207

5008 F_3 - 379A1-13

2208

Small
H
(B2911A18-1-1) x (B314A8-2-2-4) 5008 F₃-379A1-14 [B2911A18-1-1
B314A8-2-2-4]
2209

5008 F₃-379A1-15 "
2210

1-E
5008 F₃-379A1-16 "
2211

2-E/M
5008 F₃-379A1-17 "
2212

5008 F₃-379A1-18 "
2213

5008 F₃-379A1-19 "
2214

5008 F₃-379A1-20 "
2215

5008 F₃-379A1-21 "
2216

NO.		Full hd	
5008	F ₃ -379A1-22 (B3911A18-1-1) x (B314A8-2-2-4)		2217
5008	F ₃ -379A1-23	"	2218
5008	F ₃ -379A1-24	"	2219 3-F
Early Prolific, <u>check</u> 8/15			2220
5008	F ₃ -379A1-25	"	2221
+			
5008	F ₃ -379A1-26	"	2222
+			
5008	F ₃ -379A1-27	"	2223 2
5008	F ₃ -379A1-28	"	2224 2-F 1-M

Full
H₂
(B2911A18-1-1) x (B314A8-2-2-4) 5008 F₃-379A1-29 [B2911A18-1-1,
B314A8-2-2-4]
2225

2226
2-E 5008 F₃-379A1-30 "

5008 F₃-379A1-31 "

2227
5008 F₃-379A1-32 "

2228

B2911A18-1-1 x Blue Rose 5010 F₃-3711A2-8 (B2911A18-1-1
Blue^x Rose)

2229
5010 F₃-3711A2-9 "

2230
5010 F₃-3711A2-10 "

2231

5010 F₃-3711A2-11 "

2232

Full
2d
5010 F_3 3711 A2-12 (B2911A18-1-1) x (Blue Rose)
5-20 2233

5010 F_3 2-13 " 2234

5010 F_3 2-14 " 2235

5010 F_3 2-15 " 2236

5010 F_3 2-16 " 2237
10-7

5010 F_3 2-17 " 2238

5010 F_3 2-18 " 2239

Fortuna, Check 2240

B2911A18-1-1 * Blue Rose 2241	5010	F3-3711A2-19	Full Hd	B2911A18-1-1 Blue Rose
2242	5010		2-20	11
2243	5010		2-21	11
2244	5010		2-22	11
2245	5010		2-23	11
2246	F3 3721A1-1,	Caloro x Caloby 8/24		
2247		-2	8/24	11
2248		-3	8/26	11

3721A1-4

Full

Hd

Calero x Calady

2249

-5

"

2250

2-M

-6

"

2251

-7

"

2252

8/24

-8

"

2253

1-Mitt cr

-9

"

2254

8/24

-10

"

2255

1-M

-11

"

2256

1-M

2257

F3 372/A1-12,

Full
Hd

Calady x Colono

- 13

"

2258

3-M

2259

- 14

"

2260

45 Calora, check

8/23

2261

F3 372/A1-15,

"

2-M

2262

-16,

"

2263

-17

"

2264

ExF

2003

283A2-2-3-1-1-2-1-4-1-1

2-M

Full
Hd
2003 283A2-2-3-1-1-2-4-1-2, Edith x Fort.
2265
1-M

2005 283A2-2-3-1-1-2-5-1-1, EXF
2266
1-M

2005 283A2-2-3-1-1-2-5-1-2, EXF
2267
1-M

2009 283A9-3-4-1-1-1-1-3-1, EXF
2268

2009 283A9-3-4-1-1-1-1-3-2, EXF
2269

2010 283A9-4-6-1-1-1-1-1-1, EXF
8/20
2270

2014
glut 283A6-7-2-1-1-1-1-2-1, EXF
2271

2014
glut 283A6-7-2-1-1-1-1-2-2, EXF
2272

2273

2014
glut

Full
12d
283A6-7-2-1-1-1-1-2-3, EXF

2274

2014
glut

283A6-7-2-1-1-1-1-2-4, EXF

2275

2014
glut

283A6-7-2-1-1-1-1-2-5, EXF

2276

2014
glut

283A6-7-2-1-1-1-1-2-6, EXF

2277

2015
glut

283A6-7-2-1-1-1-1-3-1, EXF

2278

2015
glut

283A6-7-2-1-1-1-1-3-2, EXF

2279

2015
glut

283A6-7-2-1-1-1-1-3-3, EXF

2280

3 ZENITH, check
8/15

Full
Pd2015 283A6-7-2-1-1-1-1-1-3-4, EXF
glut

2281

2016 283A6-7-2-1-1-1-1-1-4-1, EXF
glut

2282

2016 283A6-7-2-1-1-1-1-1-4-2, EXF
glut

2283

2016 283A6-7-2-1-1-1-1-1-4-3, EXF
glut

2284

2184 283A Rogue-1937

2285

2184 283A Rogue-1937

2286

2215 292A8-4-1-1-1-1-1-1-1, COXE

2287

8/17

2216 292A8-4-1-1-1-1-1-2-1, COXE

2288

FE

2289

1-E

F11 2216 292A8-4-1-1-1-1-2-2, Cox E

Full
hd

8/25
seg

2290

1-E

F11 2216 292A8-4-1-1-1-1-2-3, Cox E

8/24

2291

2-E

F11 2018 298A10-2-1-1-1-1-1-1, Cox H

2292

F10 2046 317A23-1-1-1-1-1-1, W x T.F. 18

8/16

2293

F10 2046 317A23-1-1-1-1-1-2, W x T.F. 18

8/16

2294

F10 2050 317A51-1-1-2-1-1-1, W x T.F. 18

2295

F10 2052 317A83-1-1-1-1-1-1, W x T.F. 18

2296

F10 2045 317A13-1-1-1-1-1-1, W x T.F. 18

F10 2041 317A13-1-1-1-1-1-2, WxT.F-18

2297

F11 2185 B291A19-3-1 Sol

2298

F11 2201 299A13-1-1-1-1-2-2-2-1, CAxH

2299

6 Colusa, check 9/6

2300

2201 299A13-1-1-1-1-2-2-2-2, CAxH

2301

1-pl Sol

2201 299A13-1-1-1-1-2-2-2-3, CAxH

2302

2201 299A13-1-1-1-1-2-2-2-4, CAxH

2303

1-M

1-pl Sol

2203 298A10-3-2-1-1-1-1-2-1, CoxH

2304

F₁₁ 2212 2912A10-1-1-1-1-1-1-1, KxBR

2305

F₁₁ 2214 2912A37-1-1-1-1-1-2-1, KxBR

2306

1-M

F₁₁ 2218 2913A24-4-1-1-1-1-1-1, CoxBR

2307

1-M

Has pr apic, is prob KxBR.

F₁₁ 2218 2913A24-4-1-1-1-1-1-2, CoxBR

2308

1-M

F₁₁ 2218 2913A24-4-1-1-1-1-1-3, CoxBR

2309

1-M

F₁₁ 2226 2920A9-1-2-1-1-1-3-2-1, IBRxF

2310

1-M

1-pl

F₁₁ 2224 2920A9-1-2-1-1-1-2-2-1, IBRxF

2311

1-M

F₁₁ 2225 2920A9-1-2-1-1-1-3-1-1, IBRxF

2312

1-M

F11 2225 2920A9-1-2-1-1-1-3-1-2, IBRXF

2313

1-M

F11 2227 2918A26-1-1-1-2-1-1-1, BRxD

2314

not BRxD, null cross perhaps

1-M

F11 2228 2918A26-1-1-1-2-1-2-1, BRxD

2315

F11 2229 2918A26-1-1-1-2-1-3-1, BRxD

2316

1-M

F9 2244 322A2-15-2-1-1-1-2-1, RxT.F.

2317

F9 2249 323A8-2-1-1-1-1-1, RxSBR

2318

2249 323A8-2-1-1-1-1-2, RxSBR

2319

7 Lady Wright, check.

2320

Full
Dd
Fg 2749 323A8-2-1-1-1-1-3, RxSBR

2321

Fg 2253 323A5-16-2-1-2-1-1-1, RxSBR

2322

1-M

Fg 2255 323A1-13-5-1-1-1-H, RxSBR

2323

Fg 2256 324A1-16-3-2-1-1-1-1, RxS094

2324

Fg 2256 324A1-16-3-2-1-1-1-2, RxS094

2325

Fg 2283 328A2-7-1-1-1-1-1, EP xTF

2326

1-E
1-M

Fg 2286 312A8-1-1-2-5-1-1-1, TF xEP

2327

2-M

Fg 2286 312A8-1-1-2-5-1-1-2, TF xEP

2328

1 pl ml

Fg 2287	312A8-1-1-2-5-1-2-1, TFxEP	2329
	<i>Fuel Hd seg</i>	<i>2-M</i>
Fg 2287	312A8-1-1-2-5-1-2-2, TFxEP	2330
	<i>seg</i>	<i>1 pl M</i>
Fg 2287	312A8-1-1-2-5-1-2-3, TFxEP	2331
		<i>1-E</i>
Fg 2289	313A5-1-1-1-1-1-1, SPxTF	2332
Fg 2289	313A5-1-1-1-1-1-2, SPxTF	2333
		<i>1-M</i>
2289	313A5-1-1-1-1-1-3, SPxTF	2334
	<i>seg</i>	<i>1-M</i>
2289	313A5-1-1-1-1-1-4, SPxTF	2335
		<i>1-M</i>
2289	313A5-1-1-1-1-1-5, SPxTF	2336
		<i>1-M</i>

Full
Hd

F9 2291 314A2-1-1-1-1-1-1/SPxSJ

2337

F9 2291 314A2-1-1-1-1-1-2, SPxSJ

2338

F9 2291 314A2-1-1-1-1-1-3, SPxSJ

2339

25 Edith, Check 8/10

2340

F9 2291 314A2-1-1-1-1-1-4, SPxSJ

2341

F9 2292 314A2-1-1-1-1-2-1, SPxSJ

2342

F7 2293 331B383-1 7482xSP

2343

F5 2924 351A4-3-1-1 (SPxSJ)xN
8/24

2344

F5	2924	3511A4-3-1-2, (SPxSS) x N	Free H-1 8/23	2345
F5	2925	3511A4-3-2-1,	" 8/25	2346
F5	2925	3511A4-3-2-2,	" 8/24	2347
F5	2925	3511A4-3-2-3,	" 8/24	2348
F5	2925	3511A4-3-2-4,	" 8/24	2349
F7	2296	³⁸⁻ 331B ⁴ -1	7482 x SP	2350
F7	2297	³⁸⁻ 331B ⁴ 5-1	"	2351
F7	2297	³⁸⁻ 331B ⁴ 5-2	"	2352

2353

Full
NA
F7 2303 332B³⁸_A3-1, R7482

2354

F7 2299 332B³⁸_A10-1, "

1-M

2355

F7 2302 332B³⁸_A2-1, "

2356

F7 2312 "

2357

F7 2314 333B³⁸_A3-1, 7482 x F

2358

F7 2315 333B³⁸_A4-1, "

2359

F7 2317 333B³⁸_A6-1, "

2360

48 Delitus, check.

F7 2318	333 ³⁸⁻ B ₁ 7-1,	Full Hd. seg	7482xF	2361
F7 2326	333 ³⁸⁻ B ₁ 2-1,		"	2362
F7 2065	337A7-3-2-2-1-1, (7482x 5094)	8/20		2363
F7 2066	337A7-3-2-2-2-1,	seg	"	2364
F7 2066	337A7-3-2-2-2-2,	seg	"	2365
F7 2066	337A7-3-2-2-2-3,		"	2366
F7 2335	337 ³⁸⁻ B ₂ 2-1,		"	2367
F7 2337	337 ³⁸⁻ B ₃ 3-1		"	2368

are EP types
 check for quality disc if appropriate 5-E
 Panicles are breeding true for single branching
 17 plants, of interest genetically

2369

F7 2339 337B^{38- Full}₁5-1, 7482x5094

2370

F7 2344 337B³⁸⁻₁9-1, "

2371

F7 2346 337B³⁸⁻₁11-1, "

2372

F7 2401 337A7-3-1-2-1-1, "

2373

F7 2402 337A7-3-1-3-1-1, "

2374

F7 2403 337A7-3-2-1-1-1, "

2375

F7 2409 337A7-3-2-2-1-1, "

2376

F7 2409 337A7-3-2-2-1-2, "

Free
Hd

F7 2409 337A7-3-2-2-1-3, 7482x5094

2377

F7 2409 337A7-3-2-2-1-4,

"

2378

F7 2409 337A7-3-2-2-1-5,

"

2379

49. Nira, check

2380

F7 2410 337A7-3-2-3-1-1,

seg

"

2381

F7 2411 337A7-3-2-3-2-2,

seg

"

2382

F7 2412 337A7-3-2-3-3-1,

seg

"

2383

F7 2412 337A7-3-2-3-3-2,

seg

"

2384

Full
Hd

2385

1-E

F7 2412 337A7-3-2-3-3-3, 748215094

seg

2386

F7 2412 337A7-3-2-3-3-4,

"

2387

F7 2414 337A7-3-2-4-1-1,

"

2388

F7 2414 337A7-3-2-4-1-2,

"

2389

F7 2414 337A7-3-2-4-1-3,

"

2390

F7 2415 337A7-3-2-5-1-1,

"

seg

2391

F7 2415 337A7-3-2-5-1-2,

"

seg

2392

F7 2416 337A7-3-2-5-2-1,

"

F7 2416	337A7-3-2-5-2-2,	7482x5094	2393
F7 2416	337A7-3-2-5-2-3,	"	2394
F7 2417	337A7-3-2-5-3-1,	"	2395
F7 2417	337A7-3-2-5-3-2,	"	2396
F7 2419	337A7-3-1-1-1-1,	"	2397
F7 2419	337A7-3-1-1-1-2,	"	2398
F7 2421	337A7-3-1-1-3-1,	"	2399
74 Acadia,	check		2400

F7 2421 337A7-3-1-1-3-2, 7482x5094

2401

F7 2421 337A7-3-1-1-3-3,

"

2402

F7 2421 337A7-3-1-1-3-4,

"

2403

1-E

F7 2422 337A7-3-1-1-4-1,

"

2404

F7 2422 337A7-3-1-1-4-2,

"

2405

1-E Excellent quality

F7 2422 337A7-3-1-1-4-3,

"

2406

F7 2423 337A7-3-1-1-5-1,

"

2407

F7 2423 337A7-3-1-1-5-2,

"

2408

F7 2425 337A7-3-? 7482x5094

2409

F7 2350 ³⁸⁻338B_A1-1, F1(Rx5947)x7482

2410

F7 2353 ³⁸338B_A4-1, "

2411

F7 2353 ³⁸⁻338B_A6-1, "

2412

F7 2358 ³⁸⁻338B_A9-1, "

2413

F7 2359 ³⁸⁻338B_A10-1, "

2414

F7 2361 ³⁸⁻338B_A11-1, "

2415

F7 2361 ³⁸⁻338B_A11-2, "

2416

2417

Full Hd
F7 2365 339B³⁸⁻_A2-1, 7482 x F₁ (R_X 5810)

2418

F7 2365 339B³⁸⁻_A2-2, "

2419

F7 2365 339B³⁸⁻_A2-3, "

2420

1 Early Prolific, check.
8/16

2421

F7 2365 339B³⁸⁻_A2-4, "

2422

F7 2367 3311B³⁸⁻_A1-1, 7689 x SP

2423

F7 2367 3311B³⁸⁻_A1-2, "

2424

F7 2369 3311B³⁸⁻_A3-1, "

F7 2370 3311³⁸⁻B4-1,

7689XSP.

2425

F7 2370 3311³⁸⁻B4-2,

"

2426

F7 2370 3311³⁸⁻B4-3,

"

2427

F7 2373 3312³⁸⁻B2-1,

7689XD

2428

F7 2373 3312³⁸⁻B2-2,

"

2429

F7 2374 3312³⁸⁻B3-1,

"

2430

F7 2374 3312³⁸⁻B3-2,

"

2431

F7 2375 3312³⁸⁻B4-1,

"

2432

Full
Ad

2433

F7 2376 B3312B3921-1, 7689xD

2434

F7 2382 B3312B3922-1, 7689xD

2435

³⁸⁻
F7 2386 3314B_A3-1, 7689xCO

2436

³⁸⁻
F7 2387 3314B_A4-1, "

2437

³⁸⁻
F7 2389 3314B_A6-1, "

2438

F7 2428 3310A1-16-1-1-2-1, 7689xE
seg

2439

F7 2428 3310A1-16-1-1-2-2, "
seg

2440

Shoemed, check.
2/22

F7 2430	B3310A3924-1,	7689XE	2441
	<i>seg for maturity</i>		
F7 2431	3310A1-19-1-1-2-1,	"	2442
			1-E
F7 2432	3310A1-19-1-2-1-1,	"	2443
F7 2432	3310A1-19-1-2-1-2,	"	2444
F7 2433	3310A1-19-1-2-2-1,	"	2445
	<i>seg</i>		1-E
F7 2433	3310A1-19-1-2-2-2,	"	2446
F7 2433	3310A1-19-1-2-2-3,	"	2447
	<i>seg M-L Very good long slender grain type</i>		2-M
F7 2433	3310A1-19-1-2-2-4,	"	2448
	<i>seg M+L select later Very good type</i>		1/M

2449

F7 2433 3310A1-19-1-2-2-5, 7689XE

Full
Red
veg

2450

F7 2073 3313A1-20-3-1-1-1, Rx7689
good for 100 8/29

very good land for beef drying

2451

F7 2073 3313A1-20-3-1-1-2, "

Very good 8/27
same as 2450

2452

F7 2076 3313A1-34-1-1-1-1, "

2453

F7 2078 3313A1-34-1-2-1-1, "
9/10

2454

F7 2435 3313A1-2-2-2-1-1, "
veg

2455

F7 2438 3313A1-2-2-4-2-1, "
8/26

2456

F7 2439 3313A1-3-1-1-1-1, "

F7	2439	3313A1-3-1-1-1-2,	Full 211	Rx7689	2457
F7	2442	3313A1-4-1-1-2-1,		"	2458
F7	2442	3313A1-4-1-1-2-2,	9/8	"	2459
F7	Fortuna,	<u>check</u>			2460
F7	2448	3313A1-16-1-2-2-1,	8/26	"	2461
F7	2449	3313A1-16-1-2-3-1,	8/25	"	2462
F7	2449	(1939 noque) 3313A	seg	"	2463
F7	2450	3313A1-16-1-2-4-1,	8/25	"	2464

Does acc qualify
not better than
w/old bet

Full
722
F7 ~~2453~~ 3313A1-20-1-2-1-1, Rr7689

2465

3-E
2466

F7 2453 3313A1-20-3-2-1-1, ^{seq}
Lane, excellent quality. ^{good mulling}
Hv. many panicles. Should make
a good parent

F7 2454 3313A1-20-3-2-2-1, "
^{seq}

2467

F7 2457 3317A11-12-1-1-1-1, 7689X5099

2468

Highly sterile

2469

F7 2087 3318A8-5-1-1-2-1, 7689XF
8/24 except few later

2470

F7 2087 3318A8-5-1-1-2-2, "
8/25

2471

F7 2461 3318A2-3-1-2-1-1, "

2472

F7 2462 3318A3-6-1-1-1-1, "
^{seq}

Full Hd			
F7 2464 3318A4-2-1-1-1, 7689XF			2473
			3-E
F7 2465 3318A4-2-1-2-1-1, " seg			2474
			1-E
F7 2468 3318A4-2-1-1-1-1, " seg			2475
F5 2470 351A1-5-2-1, KXS seg			2476
			1-M 1-pl
F5 2470 351A1-5-2-2, KXS seg			2477
F5 2472 351A1-6-1-1, KXS seg			2478
F5 2472 351A1-6-1-2, KXS seg			2479
CALORD, <u>check</u> , 8/13			2480

2481

Full
Hd
F5 2474 351A1-9-2-1, KxS.
8/13

2482

F5 2474 351A1-9-2-2, "

2483

F5 2476 351A1-10-2-1, "

2484

F5 2476 351A1-10-2-2, "

2485

F5 2478 351A1-13-1-1, "
seg

2486

F5 2482 351A1-16-2-1, "

2487

F5 2482 351A1-16-2-2, "

2488

F5 2482 351A1-16-2-3, "
seg

~~M-Prel~~

10/3 V. good
quality

midseason short grain
Very heavy

2-M
1-pl

1-M

5-E+M

FS 2489	35/A1-22-1-1,	Full Hd	KxS	2489	S-M
FS 2489	35/A1-22-1-2,		"	2490	1-M
FS 2489	35/A1-22-1-3,		"	2491	1-M
FS 2490	35/A1-22-2-1,		"	2492	1-M
FS 2492	35/A1-26-1-1,	reg. E + M rather tall	"	2493	1-M
FS 2492	35/A1-26-1-2,	reg.	"	2494	1-M
FS 2519	35/A1-42-2-1,	less leaf dying the	"	2495	1-M
FS 2519	35/A1-42-2-1		"	2496	1-M

~~M-Ful~~

~~Harv 10/3~~

96197

Full
Hd

2497

F5 2521 351A1-42-3-1, KXS

2498

F5 2521 351A1-42-3-2, KXS

2499

F5 2521 351A1-42-3-3, "

2500

Length, Check 8/10

2501

F5 2527 351A1-52-1-1, "
seg

2502

F5 2527 351A1-52-1-2, "
seg

2503

F5 2528 351A1-52-2-1, "

2504

F5 2530 351A1-53-3-1, "
seg

1-M

F5 2531	351A1-53-4-1,	Full Pd seg	K x S	2505
F5 2531	351A1-53-4-2,	seg	"	2506
F5 2531	351A1-53-4-3,	seg	"	2507
F5 2533	351A1-55-2-1,	seg	"	2508
F5 2566	351A1-75-3-1,	seg	"	2509
F5 2568	351A1-75-5-1,	seg	"	2510
F5 2568	351A1-75-5-2,	seg seg for non shattering tendency	"	2511
F5 2568	351A1-75-5-3,	seg for shattering tendency	"	2512

M. P. 103

103
1st
2-M

			Full Hds	
2513	F5 2596	351A1-97-1-1,	8/10 disc rapid drying tendency	K x S
2514	F5 2622	351A1-115-1-1,	seg	"
2515	F5 2623	351A1-115-2-1,	seg	"
1-M				
2516	F5 2623	351A1-115-2-2,	seg	"
2517	F5 2623	351A1-115-2-3,		"
2518	F6 2632	352A2-1-1-1,		K x R
2519	F6 2633	352A3-1-1-1,	8/26	"
Low 10/3	1-M	poor milling	Promising, seg for shattering Colusa, <u>check</u> 8/2	
2520				

F6 2634	352A3-1-2-1	Full Hd K x R 8/25	2521
	Promising	oblation	
F6 2635	352A4-1-1-1	9/2	2522
		"	1-M
F6 2635	352A4-1-1-2	8/29	2523
		"	
F6 2637	352A5-2-1-1	For full seg	2524
		"	
F6 2638	352A8-5-1-1	seg	2525
		"	
F6 2638	352A8-5-1-2	8/25	2526
		"	
F6 2639	352A12-1-1-1		2527
		For best	
F6 2639	352A12-1-1-2		2528
		"	

Full
Ad

F6 2641 352A12-1-2-1, KXR

2529

Too dark

F6 2641 352A12-1-2-2, "

2530

F6 2646 352A11-2-1-1, "

2531

F6 2646 352A11-2-1-2, "

2532

F6 2647 352A11-2-2-1, "

2533

F6 2648 352A11-2-3-1, "

2534

3-M
2535

~~M-pred~~

F6 2648 352A11-2-3-2, "
non shattering
cook sample

Harv
10/3

3-M
2536

F6 2648 352A11-2-3-3, "
non shattering 8/25
cook sample

10/3

Seg for grain length

				Reading		
F6	2648	352A11-2-3-4,			KxR	2537
F6	2649 15	352A11-2-4-1,		seg	"	2538
F6	2649 15	352A11-2-4-2,		8/10	"	2539
		lady Wright, <u>check</u>		8/16		2540
F5	2694	352A1-52-1-1,		seg	"	2541
F5	2694	352A1-52-1-2,			"	2542
F5	2695	352A1-55-1-1,			"	2543
F5	2701	352A1-57-1-1,		seg	"	2544

Full
Head

2545

~~M. Prel~~

FS 2702 352A1-57-2-1, KxR
8/28

6-M $\frac{\text{Harrow}}{10/3}$ for mulling

Easy to cut (like BxR)

2546

FS 2702 352A1-57-2-2, "

1-M $\frac{\text{Harrow}}{10/3}$ for mulling

Tough to cut as
Jap-type straw

2547

FS 2702 352A1-57-2-3, "

$\frac{\text{Harrow}}{10/3}$ for yield test

Tough to cut

2548

~~M. Prel~~

FS 2702 352A1-57-2-4, "

2-M $\frac{\text{Harrow}}{10/3}$ for mulling

Easy to cut

2549

FS 2712 352A1-67-1-1, "

2550

FS 2712 352A1-67-1-2, "
req

2551

FS 2712 352A1-67-1-3, "
req

2552

FS 2719 352A1-72-1-1, "

HQ.			Head Full		
F5	2719	352A1-72-1-2,	KxR	2553	
F5	2719	352A1-72-1-3,	"	2554	
F5	2881	359A2-24-1-1, (B283A2-3 x 4700)	neg	2555	
F6	2088	3513A8-1-1, (2916A7-3-2 x SBR)	8/11	2556	
15					
F6	3192	3513A11-1-4, 8/9	"	2557	
F6	3196	3513A12-1-1, 8/8	"	2558	1-E
		very good early row. Has one bud, when ripe Do not grow in field test acc. co.	for mulling		10/3
F6	2091	3516A36-1-1-1, (2916A10-4-2 x SBR)		2559	1-E
		Edith, <u>check</u>		2560	

Head

2561

1-M

F6 2091 3516A36-1-1-2, (B2916A10-4)
x SBR

2562

2-E

F6 2091 3516A36-1-1-3, (B2916A10-4-2)
x SBR

2563

F7 2165 3321B38-6-1, (CT-S403-2)
8/9 (Power P x E)

2564

Bar 10/3
1-E

Y. port
milling

F7 2166 3321B38-7-1, 8/12
Shade Shave than other E x Dewey
O-Co

2565

1-E

F7 2166 3321B38-7-2, "
O-Co

2566

F7 2170 3321B38-11-1, "

2567

F7 2170 3321B38-11-2, 8/10 "

2568 20

F7 2170 3321B38-11-3, 8/10 "

F7 217!	332/B38-12-1,	Head Full (CI-5403-2 Dwarf x Edith) 8/11	2569
		1-E	
8	C283A3-6-2, Sel, 8/8		2570
11	B283A2-1-2-1, Sel.		2571
225	FAITH, Bay City Sel 3313A1-4, RY 7689		2572
225	" " "		2573
225	" " "		2574
225	" " "		2575
225	" " "		2576

2577

225 ^{Head Full} Edith, Sel - Bay City
3313A 1-4 R27689

2578

225 " " "

2579

225 " " "

2580

Edith, check

2581

225 Edith, Sel - Bay City

2582

29 Lady Wright - B364 Sel

2583

29 " " "

2584 match for H0

32 B323A5-8-1-1-1 Sel.
8/9

Sew exp for HO (ECT)	32	B323A5-8-1-1-1, Sel	Head Fuel 8/1	2585
	32	B323A5-8-1-1-1, Sel	8/9	2586
	40	B2913A29-1-1-1 Sel	8/10	2587 1-M
	40	med-long grain	" 8/10	2588
	40	med-long grain	" 8/10	2589
	40	med-long grain	" 8/10	2590 1-E
	40	med grain	" 8/10	2591
	71	B3173-1, Sel	Seg E to Mid Select and E panels	5E+M 1/L 2592

			Head	
2593	dean for 110	151	B2916AS-2-1,	Sel.
2-E				
2594	5-15 reg	2108	Early Prolific (sta)	
2595	5-15 reg	2108	"	"
2596	"	2114	" 8/9	(long)
2597		2115	" 8/9	"
2598		2116	" 8/9	"
2599		2124	" 8/9	"
2600			Delitus, <u>check</u>	

2131 Early Prolific, (hang)
8/9

2601

2135 Early Prolific (Station)
8/12

2602

2136 " 8/13 " 1-E

2603

10/31 Larv
for mulling

2136 " 8/15 " "

2604

10/31 Larv
for mulling

2137 " 8/8 " "

2605

1-E

2137 " 8/9 " "

2606

2-E

2149 Edith 8/14

2607

2144 " 8/14

2608

2144 Edith 8/9

2144	"
------	---

2145

2143 "

2-147 Lady Wright (Devers)
8/9

7 Lady Wright (Station)
8/9

2150 Lady Wright (Devers)
8/9

215	"	"	"
		8/9	

2152 Lady Wright (Devers)
 Head
 Fuel
 2/9

2617

2154 Edith (1938)

2618

1-E

2173 Shoemed (1938)

2619

Nira, check

2620

2173 Shoemed (1938)

2621

3237 Blue Rose

2622

3237 "

2623

1-pl

3237
 5-25-49 "

2624

2625

2097

B372, BR

8/10

Head
Free

2626

1-E

2977

Early Prolific

2627

3005

Blue Rose (1936)

2628

3005

"

2629

3006

"

2630

3008

"

2631

2104

latex

2632

2104

"

2104 Latex

2633

1-M

2104 "

2634

2107 Blue Rose (1937)

2635

2107 "

2636

2107 "

2637

1-M

2110 "

2638

1-M

2113 Early Prolific, B3910-1

2639

1-E

Acadia, check

2640

Hales begin 2643
 Replicated series

2641

2133 Early Prolific, (1937)

2642

2133 "

2643

F125008 B283A9-3-4-1-1-1-1-2-1, EXF

5 (relative of the strain also good in T.S. mure.)

5-15-15

req

2644

15

30 - 55

7175

B2911A18-1-1-A KxH

2645

15

30 - 0

7175

B2911A18-1-1-B KxH

2646

15

30 - 55

3022

B2911A18-1-1-E

2647

15

20-30 req 105

3025

B2911A18-1-1-F KxH

1 pl sel.

2648

15

15-25 req 105

3026

B2911A18-1-1-G KxH

3031	B2911A18-1-1-H	KxH	
15			
15-30 seq	SS		2649
			3
3031	B2911A18-1-1-K	KxH	
10-15 (seq)		seq	
20-30	SS		2650
3031	B2911A18-1-1-M	KxH	
10-25 (seq)			
20-25	TS		2651
3036	B2911A18-1-1-N	KxH	/
15			
15-30 seq	- 0		2652
			<u>1-plant</u>
3075	36 MS1-6-1-1		
5-10 (seq)			
inoc upright growth then adj. cover			2653
5-20 seq	- 0		
3089	36 MS-?		
15			
30	- T		2654
			/
3094	36-LM- 20-1-1	20-1-1-1	
15			
30	- 0	seq	2655
3096	36-LM20-1-3-1		
5-30 (seq)			
10-30	TS		2656

3097 36 h M20-1-4-1

2657 -1

5-10 (avg)

10-30 11 - 55

3098 36 h M20-1-5-1

2658

15-25 (avg)

20-35 - 0

7225 S2912A34-2-8-4-4, KxBR

2659

15

1-pl 35 - 0

2660

10 - 0

25 - 0

~~M-Prel~~ Acadia, check

7225 S2912A34-2-8-4-4, KxBR

2661

15 - 0

25 - 0

7227 S2912A34-2-8-9-6, "

2662

15 - 0

30 - 0

Harvest this row

7227 " "

2663

10

25 - 0

7228 S2912A34-2-8-9-12, "

2664

15

30 - 0

7258 52912A34-2-8-9-12, K1BR
20
35 - 0

2665

7229 52912A34-2-8-9-14, "
15
30 - 0

2666

7529 " "
15
25 - 0

2667

7231 52912A11-6-2-1-2, "
10-15 (seg)
15-30 - 0

2668

7112 B2920A13-2-2-1-1-1, IBR&F

10-15 (seg)
15 - 0

Have not the work

2669

7181 Blue Rose, Sel.

10
30 - 55

2670

- /

7182 " "

20
30 - 0

2671

- /

7500 (5398 x 1962), 35X-3A-1

10-15 (seg)
30 - 0

2672

1 pl

2673

7208 B34A1-1 BRx5309
5-10 (20g)
5-30 155

2674

7209 B34A2-1 "
5-10 (20g)
10-20 55

2675

7209 B34A2-2 "
10
20 - 5

2676

L-Pre

7209 B34A2-3 "
10-15 (20g) Harvest
15-25 - to the row

2677

7209 B34A2-4 "
15
20 - 105

2678

7209 B34A2-5 "
15
20 - 5

2679

7209 B34A2-6 "
5-10 (20g)
20 55

2680

Fortuna, check
15
30 - to

7210 B34A3-1, ~~1-1~~ BRx5309

5

5-20 seq - 55

2681

7185 B352A1-49-1, KxR

10-15 (seq)

15-20 seq - 0

Have it this row

~~hi-pro~~

2682

7106 B337A3-2-1-1, 7482x5094

5

15

-105

2683

7106 B337A3-2-1-2,

"

5-10 (seq)

15-20 seq to

2684

2265 B326A1-4-1-1-2-1-2, Rx5947

15

25

to 5

seq

2685

2266 B326A3913-1 Rx5947

15

25

105 w.T.

2686

- /

2267 B326A1-10-6-1-1-1, Rx5947

10

25

5

2687

2268 B326A1-10-6-1-1-2, Rx5947

10

25

- 0

2688

- /

2689

2269

B326H1-10-6-1-3-1, R15947

10

8/17

30 - 25

2690

2270

B326H1-10-6-1-3-2, R15947

10

20-30-55

2691

3119

B328H3-1-4-1-1-1, R15947

10

20 - 15

WT

2692

3121

B323H1-4-1-1-1-2, R15947

15

30 - 105

2693

3123

B323H3-1-4-1-1-1-4, R15947

5

10-20-40-205

2694

3129

B323H4-2-2-1-1-1-1, R15947

10

20 - 0

good row

2695

7121

B314H8-2-1-3,

SPxSJ.

10

10 - 1

2696

7123

B314H8-2-1-6,

SPxSJ

10

10 - 1

7124 5	B314A8-2-1-7, -t	SPX SJ	2697
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7125 5 15	B314A8-2-2-1, -5	SPX SJ	2698
-----------------	---------------------	--------	------

7126 5 15	B314A8-2-2-3, -t	SPX SJ	2699
-----------------	---------------------	--------	------

Blue Rose, 15 30	<u>check</u> -25		2700
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7127 5 15	B314A8-2-2-4, -t	SPX SJ	2701
-----------------	---------------------	--------	------

7117 5 10	B3511A3-3-1, (B314A8-2-3-2 x N) -55		2702
-----------------	--	--	------

7129 5 10	B3512A38-1-1 -55 Phys. Br.	(B314A8-2-3-1) (SPX SJ) x SPR seg	2703
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7130 5-10 (seg) 10-15	B3512A38-2-1 -105	"	2704
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2705 FS 7130 B3512A38-2-2 (B314A38-2-2-1) SP15J RSR
10-15 (seg)
15-20 " - 15 S

2706 FS 7131 B3512A38-3-1, "
10
15 - 5 S blotch

2707 FS 7131 B3512A38-3-2, "
5-15 (seg)
5-20 " - 15 S

2708 FS 7131 B3512A38-3-3, "
5-10 seg
10-15 " - 15 S

2709 FS 7131 B3512A38-3-4, "
10
15-20 - 5 Reel. Reel

2710 FS 7131 B3512A38-3-5, "
10
15-25 seg - 10 S Reel. Reel

2711 FS 7131 B3512A38-3-6, "
10
15-25 seg - 15 S

2712 FS 7131 B3512A38-3-7, "
5-10 (seg)
15 seg

F5 7132 B3512A38-4-1, ^{SPXSS} (B314H2-3-1) XSBK
 5-10 (avg)
 15-25 " -255

2713

F5 7133 B3512A38-5-1,
 10
 20 -10

"

seq

2714

F5 7133 B3512A38-5-2,
 10
 20 -55 very good

"

2715

-1

F5 7133 B3512A38-5-3,
 10
 25 -5 very good

"

L. Prel

2716

-1

F5 7134 B3512A38-5-1,
 15
 25 -0 very good in birth
replacements

"

L. Prel

2717

New.

F5 7134 B3512A38-6-2,
 10
 10-15 seq -0

"

WT

2718

F5 7135 B3512A2-1-1-1 (~~SPXSS~~) XSBK
 5-10 (avg)
 5-20 seq -0

2719

Rexoro, check
 20
 25 -t

2720

F5 7136 B3512A2-1-2-1 (SP155 B314A2-2-3) ASB

2721 10

15 seq - 10 S

F5 7136 B3512A2-1-2-2, "

2722 10

10-20 seq - 10 S

F5 7137 B3512A2-1-3-1, "

2723 10

10-20 seq - 0

F5 7137 B3512A2-1-3-2, "

2724 10

15 seq - 5 S

F5 7137 B3512A2-1-3-3, "

2725 5-10 (seq)

15 seq - 5 S

F5 7140 B3512A2-10-1, "

2726 15

15 - 10 S

F5 7140 B3512A2-10-2, "

2727 5-10 (seq)

15 - 0

F5 7140 B3512A2-10-3, "

2728 10

15 - 5 S

Fs	7140	B3512A2-10-4 ^{SP x SS} (B314A87-5-1) x SBR	"	2729
	10	15 - 5 S		
Fs	7140	B3512A2-10-5,	"	2730
	15	20 - 25 - 10 S		
Fs	7140	B3512A2-10-6,	"	2731
	10	20 - 10 S		
Fs	7141	B3512A2-25-1,	"	2732
	5	BR growth label 5-15 - 5 - 5	Port in 2nd repl.	
Fs	7141	B3512A2-25-2,	"	2733
	5	BR growth label 10-20 - 5 S		
Fs	7142	B3512A2-26-1,	"	2734
	5-10 (day)	10-15 - 5 S		
Fs	7142	B3512A2-26-2,	"	2735
	5-10 (day)	10-20 - 10 S		
Fs	7142	B3512A2-26-3,	"	2736
	5	15 - 5 S		

2737

5
15 - 55

F5 7142 B3512A2-26-4 (SA X SJ B314A8-2-34) XSB

2738

5
10 - 20 - 55

F5 7142 B3512A2-26-5,

"

2739

5
15 - 55

F5 7142 B3512A2-26-6,

"

2740

10
25 - 10

Nira, check

2741

5
15 - 10

F5 7142 B3512A2-26-7,

"

2742

15
25 - 20

F5 7146 B3512A2-36-1,

"

2743

10-15- (Seg)
25 - 255

F5 7146 B3512A2-36-2,

"

2744

15
25 - 205

F5 7146 B3512A2-36-3,

"

F5 7148 B3512A2-41-3 (^{SPXSJ}B314A2-2-3-1) x SBR

10

15-8-10S

2745

F5 7148 B3512A2-41-1 (SPXSJ) x SBR

15

25-20S

Rattus chint. strain, uniform

grow Room

2746

F5 7148 B3512A2-41-2 (SPXSJ) x SBR

10

25-10S

2747

F5 7149 B3512A2-45-1,

10

25-5S

2748

F5 7149 B3512A2-45-2,

10-15 Aug

10-30 from good over 10S

2749

F5 7149 B3512A2-45-3,

10-15 Aug

20-30 5S

2750

F5 7149 B3512A2-45-4,

15

15-20-5S

2751

F5 7150 B3512A2-54-1,

15

20-15S

Olympus 12.

2752

2753 F5 7150 B3512A2-54-2, ^(SPxSJ)
15 (B314A8-2-3-1)
20-25-20S xSBR

2754 F5 7150 B3512A2-54-3 "
15
20-30-10S

2755 F5 7150 B3512A2-54-4, "
15
25-30-35-5

2756 F5 7150 B3512A2-54-5, "
5-10 (seq)
10-30-20S

2757 F5 7151 B3512A2-70-1 (SPxSJ)xSBR
5-10 (seq)
10-30-10S seq

2758 F5 7152 B3512A2-70-1, "
5-10 seq
10-10S plus B

2759 F5 7152 B3512A2-70-2
(5-10 seq)
35-50S

2760 " C2854-3, Ryker BR, check
15
35-5

F5	715 ²	B3512A2-70-3, ^{SPXSS} (B314A8-2-3-1)XSBR	"	2761
	5-10 (avg)			
	10-35	-20 S		
F5	715 ²	B3512A2-70-4,	"	2762
	10-15			
	35	-15 S		
F5	715 ²	B3512A2-70-5,	"	2763
	10			
	25-35	-50 S		
F5	715 ⁵	B3512A38-8-1,	"	2764
	5-15 avg			
	15-35	20 S		
F5	715 ⁵	B3512A38-8-2,	"	2765
	10			
	15-25	-40 S	Plump reg Brd.	
F5	715 ⁶	B3512A38-9-1,	"	2766
	10-15 avg		reg	
	20-35	-15 S		
F5	715 ⁷	B3512A38-10-1,	"	2767
	15			
	20-25	-10 S		
F5	715 ⁸	B3512A38-11-1,	"	2768
	5-10 avg	5-10		
	15	-W		

2769 FS 7158 B3512A 38-11-2 (SPXST B314A8-2-3-1) X SBR
10 good HO
10-15 - 55

2770 FS 7158 B3512A 38-11-3, "
5-10 seq
10-15 seq - 55

2771 FS 7158 B3512A 38-11-4, "
5-10 seq
10-15 - 55

2772 FS 7158 B3512A 38-11-5, "
5-10 seq
10-15 - 105

2773 FS 7158 B3512A 38-11-6, "
T-10 seq
5-10 seq - 105

2774 FS 7159 B3512A 38-12-1, "
5-10 seq
5-15 (55) some good plant
very clean HO. watch carefully HMB

2775 FS 7162 B3512A 38-15-1, "
15
15-20 - 105

2776 FS 7162 B3512A 38-15-2 "
15
10-15 155

F5	7162	B3512A38-15-3	^{SP x SJ} (B314A8-2-3-1) x SBR	"	2777
	15				
	10-20	neg	-5-5	<i>b-Prel</i> <i>topland</i> <i>2nd sample</i>	<u>Ham</u>
F5	7162	B3512A38-15-4		"	2778
	15				
	25		- to 5		
F5	7164	B3512A38-17-1,		"	2779
	10				
	10	good	-5-5	reg. mid - Phy B	
Asahi,		Check.			2780
	15				
	25		- 0		
F5	7164	B3512A38-17-2,		"	2781
	15				
	25		- to		
F5	7164	B3512A38-17-3,		"	2782
	15				
	25		- to		
7165		B3512A38-18-1	(SP x SJ) x SBR		2783
10-15					
15-25		-105		seq	
7165		B3512A38-18-2	(SP x SJ) x SBR		2784
10-15		seq			
10-20		seq	em. good - to 5		

- 2785 10
10-15 - $\bar{w}$ good
- 2786 5-15 (seq)
10-25 - 10S
F5 7165 B2912A38-18-3 (SP x SS) (B314A38-23-1) x SBR
seq
" May be 2 haploids in row
- 2787 5-20 seq
10-30 - $\bar{w}$ S
F5 7168 B3512A38-22-1, " 9 white - 29 green
seq
- 2788 10-20 seq
15-30 - 20S
F5 7169 B3512A38-23-1, " 7 white - 23 green
seq
- 2789 15
20-30 - 20S
F5 7169 B3512A38-23-2 "
- 2790 5-20 seq
20-35 - 15S
F5 7171 B3512A38-25-1 "
- 2791 5-15 seq
15-30 - 15S
F5 7171 B3512A38-25-2 "
- 2792 15
20-30 - $\bar{w}$ S
F5 7171 B3512A38-25, (3) (SS) x SBR
seq

F5	7172	B3512A38-26-1, (SP x SS) (B314A8-23-1) x SBR	2793
	5-15	grad HO	
	5-15	- 5	
F5	7173	B3512A38-27-1,	2794
	10-15		
	15-25	- 10 S	
F5	7173	B3512A38-27-2,	2795
	10-20		
	15-25	- 10 S	
50/6	F3,	3715A4-1	2796
	10-15		
	15-25	- 5 S	
50/6	F3 -	3715A4-2	2797
	20		
	25	- 15 S	
50/6	F3 -	3715A4-3	2798
	15-20		
	25	- 15 S	
50/6	F3 -	3715A4-4	2799
	15		
	25	- 25 S	
ACADIA,	check	8/24	2800
	10		
	25	- 10	

2801	10-15S 10-30	5016 F ₃ - 3715A4-5, F ₁ (3512A) -15S	seq X5BR	
2802	15-20 15-35	5016 F ₃ - 3715A4-6 -15S	seq	"
2803	15 30	5018 F ₃ - 3715A6-1 -15S	seq	"
2804	5-15S 5-30	5018 F ₃ - 3715A6-2 -15S		"
2805	10 20	5018 F ₃ - 3715A6-3 -15S	seq	"
2806	15 15-25	5018 F ₃ - 3715A6-4 seq -10S	seq	"
2807	15 15-35	5019 F ₃ - 3715A7-1 seq -20S		"
2808	15-20 15-35	5019 F ₃ - 3715A7-2 seq -15S		"

F ₃	5021	3715A9-6; F ₁ (3512A) x SBR	2809
	10-15S	seq	
	10-20 seq	-15S	
F ₃	5021	3715A9-7	2810
	10-15S	"	
	10-20 seq	15S	
F ₃	5021	3715A9-8	2811
	10-15S	"	
	15-20	10S	
F ₃	5021	3715A9-9	2812
	15	"	
	30	15S	
F ₃	5021	F ₃ - 3715A9-1 F ₁ (3512A) x SBR	2813
	10-15S		
	10-20	10S	gro plant
F ₃	5021	-2	2814
	15	"	
	10-20	10S	
F ₃	5021	F ₃ - 3715A9-3	2815
	15-20	"	
	20-30	10S	
F ₃	5021	-4	2816
	10-15S	"	
	20-30	15S	

2817 15 5021 F3- 3715A9-5, F(35/2A)ASBR
15 - 0

2818 20 5023 F3- 3715A12-1, 11
25 - 15 S

2819 15 5023 F3- 3715A12-2 11
15-25 - 5 S

2820 15 FORTUNA, check
25 - 5

2821 15 5023 F3- 3715A12-3, 11
1-30 - 20 S

2822 10-15 S 5023 F3- 3715A12-4, 11
4-20-30 - 25 S

2823 15-20 5023 F3 - 5 11
5-20-30
Hv
~~Pre 2~~

2824 5-15 S 5027 F3- 3715A16-1 11
10-15 S - 15 S

Don Miller
Quality

SD 27 F₃-3715A16-2, F₁(3512M) + SBR
 T-SS grad HO.
 10 - 20 S

2825

SD 31 F₃-3715A20-1
 10-15S fair HO
 15-20 - 35 S

"

2826

SD 35 F₃-3715A24-1
 10-15S
 15-25 - 15 S

"

2827

SD 35 F₃-3715A24-2,
 5-15S grad HO
 10-30 - 15 S
 3-E 1-M

"

2828

SD 35 F₃ 24-3,
 15
 30 - 15 S

"

2829

SD 35 F₃-3715A24-4,
 10-15
 20-30 - 15 S

"

2830

SD 35 F₃-3715A24-5,
 10-15 grad HO
 15-25 - 15 S

"

2831

SD 35 F₃ 24-6,
 10-15 grad reg HO
 10-25 - 15 S

"

2832

(1 p kpt)

2833	10-15 S 10-25	5031 F ₃ -3715A24-7, F ₁ (3512A)XSR - 15 S		
2 pl				
2834	10-15 S 10-25	5038 F ₂ -3715A27-1, good long - 20 S		"
1 pl				
2835	5-15 S 10-20	5041 F ₃ -3715A31-1, seg Resistant React		"
2836	10-15 S 20-25	5041 F ₃ -3715A31-2, seg - 5 S		"
2837	10-15 S 15-30	5041 F ₃ " -3 seg - 15 S		"
2838	15 30	5041 F ₃ " -4 seg - 5 S		"
2839	5-10 10-20	5041 F ₃ " -5 good HO - 5 S		
2840	20 35	Blue Rose, <u>check</u> - 5 S		

5048 F₃-3715A38-4 F₁(3512A)XSBR

15-20

15-25 - 15 S

2841

5048 F₃-3715A38-2,

15

20-25 - 15 S

"

2842

5048 F₃-3715A38-3,

20

35 - 20 S

"

2843

5048

-4

"

15

15-25 - 25 S

2844

5048

-5

"

15

15-25 *pin down for 40*
- 35 S

2845

5048

-6

"

15

20-25 - 15 S

2846

5048

-7

"

15

15-20 15 S

2847

5048 F₃-3715A38-8,

10-15

15-25 - 25 S

"

2848

2849 10-15 5048 F3-3715A38-9, F1(3512A)x SBR

15-25 - 10S

2850 10-15 " 5048 F3-3715A38-10, "

10-20 - 15S

2851 10-15 5048 " -11 "

10-20 - 20S

2852 5-10S 5008 F3-379A1-41 (KX4)x(SP1S3)
few clean for H.O.

10-20 - 5S

2853 5-10S 5008 F3 - 42

5-20 - 10S

2854 T-10S 5008 F3-379A143 "

10-20 - 5S
few very good pl. for H.O.

2855 T-5S 5008 -44

5-15 - 10S
Very good for H.O.

2856 5-10S 5008 F3-379A145 "

10-25 - 5S
few of seg H.O.

5008	F ₃ -379H146	(KxH) x (SP, SJ)	
5-15S			
15-25	10S	264	2857
5008	-47	"	
10			
20	-55		2858
5008	F ₃ -379H148,	"	
10			
15-20	-0		2859
REFORD,	<u>check</u>	'	
10			2860
25	W		
5008	F ₃ -379H149	"	
5-10S			
15-25	5S		2861
5008	-50	"	
5-10S			
15-25	10-S		2862
5008	F ₃ -379H151,	"	
5-10S			
20-25	5S		2863
5008	F ₃ -379H152	"	
10			
15-25	10S	1 Bad plant	2864

2865 5-10 (5008 F₃-379A1, 53 (KxH)x(SPxSJ)
5-15 t S seq

2866 10 (5008 F₃-379A1, 54 "
10-15 t S

2867 5-10S (5008 -55 "
5-10 - t S

2868 5-10S (5010 F₃-3711A2-1 "
10-15 - t S seq

2869 10 (5010 -2 "
10-15 - t S seq

2870 10 (5010 -3 "
10-15 - t S seq

2871 5-10S (5010 F₃-3711A2, 4 "
5-15 d-HO pl. seq seq
- t S

2872 T-10S (5010 F₃-3711A2-5 "
T-15 veycl HO. pl. seq
-55

5010 F₃-3711A2-6 (KxH)x(SPxSJ)
 10-15S faint No. 55
 15-20

2873

5011 F₃-3712A1-1 (KxH)x(BR)
 15
 25 -30 S

2874

9 sets

F₃-3722A1-1, Fx BR

2875

-1

-2

-2

2876

-3

2877

2M

-4

2878

-5

2879

NIRA, check

2880

F3 - 3722A1-6, FxBR

2881

2882

-7

2883

-8

2884

-9

2885

-10

2886

cont ends. 2014 283AG-7-2-1-1-1-1-2-1, EXF

2887

3025 B2911A18-1-1-5e1, KxH

CO = reg

2888

3027

"

CO = Reg

- 3027 B2911A18-1-1, Sel KxH 2889
 CO = seg
 Similar to 2890, more vigor 2 sel
- 3027 " " 2890
 CO = 0, Uniform vegetatively, grain,
 a small seeded BR, Narrow
 Similar to 2891
- 3027 " " 2891
 CO = seg
 small seeded BR, Uniform *V. good mulling*
without small seed though **L-Pol** Narrow
 3 sel
- 3028 B2911A18-1-1-C1 " 2892
 CO = 0
 Rather long for BR *V. good mulling* **L-Pol** Narrow
 1-sel
- 3028 B2911A18-1-1-C2 " 2893
 CO = 0
 a sl. variation in grain length & shape. *V. good mulling long grain* **L-Pol** Narrow
 1-sel
- 3029 B2911A18-1-1, Sel " 2894
 CO = 0, sl. seg for grain *good BR type* **L-Pol** Narrow
 1L
- 3031 " " 2895
 CO = 0 seg grain *V. good grain* **L-Pol** Narrow
 good BR appearance *good grain type* 1L
- 3032 " " 2896
 CO = 0, larger than BR **L-Pol** Narrow
V. good long grain type 1 sel

2897

... 3035 B2911A18-1-1, Sel KxH
CO = seg

2898

Harv

~~1-P rel~~

3035

CO = 0

V. good, sl longer than BR, x sl taller
Send to Ark

3037

2899

2900

C2854-3, Ryker BR, ck

2901

3038 B2911A18-1-1, Sel, KxH

2902

3038

2903

3038

CO = seg

2904

3039

CO = seg

3039 B2911A18-1-1, Sel, KxH

Co = seg

2905

3039

"

"

Co = seg

2906

3041

"

"

Co = 0

2907

3043

"

"

Co = 0
Too long for
BK - not distinctiveFor missing Kern
2 sel

2908

3043

"

"

Co = seg

2909

7175

"

"

One of my best BK types
seg for grain length Co = 0.

2910

7176

"

"

2911

7177

"

"

Co = seg

2912

2913 *thin* 7177 B2A/A/8-1-1, Sel, KxH

4h. *same* Co = seg
excl BK type but seg Co.

2914 *longer* 7177 " "

4h *2916* Co = seg
excl BK type but seg Co

2915 7177 " "

Now ~~red~~ Co = 0
0 sh. gram BK type but
breeding time. grad

2916 7178 " "

2917 7178 " "

Now 7178 " "

2918 7178 " "

1-sel

2919 7179 " "

1-sel

" ASAHI, check

2920

1-

	7180	B2911A 18-1-1, sel,	KxH	2921
	7180	"	"	2922
	7180	poor quality seg Co	2 sel for med. Harv	2923
F11	3048	B2914 [?] 14-1-1-1-1-3-1-1-1, CAxBR seg maturity Co - seg. gran - large + med, seg		2924
F11	3051	2920A	IBRx F	2925
F11	3054	"	"	2926
F11	3055	" B404, good BK type, small appears to seg for slitting	1-1-1-1-1-1-1-1-1 for Q Harv	2927
F11	3063	2920B 38-5-1 BK maturity	"	2928

2929

F₁₁ 3063 B 2920 B 38-5-2, I B R x F

2930

F₁₁ 3063 2920 B 38-5-3,

"

2931

Haw

F₁₁ 3068 2920 B 38-10-1,

"

2932

Haw

F₁₁ 3068 2920 B 38-10-2,

"

2933

Haw

F₁₁ 3068 2920 B 38-10-3,

"

2934

Haw

F₁₁ 3069 2920 B 38-11-1,

"

2935

Haw

F₁₁ 3069 2920 B 38-11-2,

"

2936

Haw

F₁₁ 3069 2920 B 38-11-3

Co = 0

good mid-grain

later than B.P. line

Virginia

all appear identical
plumper; all about same size
good B.P. type, later maturing

~~h. p. red~~

Best milled
quality

all three appear identical
Save one milled best.

F ₁₁ 3074	36LM-45-1-1-5-1, , Long & Short	"	2937
F ₁₁ 3074	36LM-45-1-1-5-2,	"	2938
F ₁₁ 3074	36LM-45-1-1-5-3, later than BP, V. good	"	2939 1 sel
F ₁₁ ALADIA,	<u>Check</u>		2940
F ₁₁ 3070	36LM-45-1-1-1-1,	"	2941
F ₁₁ 3070	36LM-45-1-1-1-2, O=C0 Use for all character productive	"	2942 1 pl.
F ₁₁ 3071	36LM-45-1-1-2-1, CO = 0	"	2943
F ₁₁ 3088	39LM-1 CO = + +	"	2944

2945 F11 5088 39LM-2, long x Short
1-L CO = neg

2946 F11 5088 39LM-3, "

2947 F11 5088 39LM-4, "

2948 F11 5088 39LM-5^{4/1} "

CO = ++

2949 F11 3095 36LM-20-1-2-1, "

2950 F11 3213 36MS-2-1-1-1, med x Short

2951 F11 3213 36MS-2-1-1-2, "

2952 F11 3214 36MS-2-1-2-1, "

Too dark

F₁₁ 3214 36 MS-2-1-2-2, Med x Short. 2953

F₁₁ 3215 36 MS-2-1-3-1, " 2954

F₁₁ 3211 36 MS-1-7-1-1, " 2955

F₁₁ 3211 36 MS-1-7-1-2, " 2956

F₁₁ 3211 36 MS-1-7-1-3, " 2957

F₁₁ 3211 36 MS-1-7-1-4, " 2958

F₁₁ 3212 36 MS-1-7-2-1, " 2959

less shattering than
other lines

FORTUNA, check

2960

good
tapples, clean
slightly, med grain, better than Bk.
same seg. for machinery

1-22

1-22

4-22

2961

F11 3212 36MS-1-7-2-2, Med x Short

2962

F11 3212 36MS-1-7-2-3,

"

Has been
New suit
may have
2922 on it

only for
suit

2963

F11 3212 36MS-1-7-2-4,

"

2964

F11 3218 36MS-4-3-1-1,

"

CO = 0

2965

F11 3218 36MS-4-3-1-2,

"

Have
1st.

all three appear very
much alike. are good BK type
Virginia. Uniform

~~F11 3218~~
CO = 0

2966

F11 3219 36MS-4-3-2-1,

"

CO = 0

2967

F11 5094 39MS-1

"

2968

F11 5094 39MS-2

"

F11 5094	39MS-3,	Med x Short	2969
F11 5094	39MS-4,	"	2970
F11 5094	39MS-5,	"	2971
F11 5094	39MS-6,	"	2972
F11 5094	39MS-7,	"	2973
F11 5094	39MS-8,	"	2974
F11 5094	39MS-9,	"	2975
V-Prel Very good Jap type med mat			<u>Haru</u>
F11 5094	39MS-10	"	2976

2977	F11 5093 39LM-1, long x Med.	
------	------------------------------	--

2978	F11 5093 39LM-2,	"
------	------------------	---

2979	F11 5093 39LM-3,	"
------	------------------	---

2980	BLUE ROSE, <u>check</u>	
------	-------------------------	--

2981	F11 5093 39LM-4,	"
------	------------------	---

2982	F11 5093 39LM-5,	"
------	------------------	---

2983	F11 5093 39LM-6,	"
------	------------------	---

2984	F11 5093 39LM-7,	"
------	------------------	---

F ₁₁ 5093	39LM-2,	Long x Medium	2385
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F ₁₁ 2095	36LM-12-1-1-1	"	2986
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F ₁₁ 2095	36LM-12-1-1-2	"	2987
----------------------	---------------	---	------

F ₁₁ 2095	36LM-12-1-1-3	"	2988
----------------------	---------------	---	------

F ₁₀ 3050	317A51-1-1-1-3-1-1-1	W x TF #18	2989
----------------------	----------------------	------------	------

F ₁₀ 3050	317A51-1-1-1-3-1-1-2	"	2990
----------------------	----------------------	---	------

F ₁₀ 3050	317A51-1-1-1-3-1-1-3,	"	2991
----------------------	-----------------------	---	------

F ₁₀ 2281	328A1-P-2-1-1-1-1, EP x TF		2992
----------------------	----------------------------	--	------

2993 Fg 5089 321839-1 , RxD

Uniform

2994

~~larn~~
~~poor quality~~

5089

-2

"

V. uniform, heavy
Delitua drop
mille

2995

5089

-3

Uniform

2996

5089

-4

Uniform
Q poor

2997

5089

-5

sl. irregular ht.
may be seq.

2998

5089

-6

Uniform; lacks sign

2999

5089

-7

T as tall, rel. uniform

REXORO, check

3000

5089	321839-8	PxD.	Uniform	3001
5089	-9	"	Uniform	3002
5089	-10	"	Midagasin Delius drop, Uniform	3003 Naw 10/3
5089	-11	"	Uniform	3004
5089	-12	"	Devon mat & type for melling	3005 How
5089	-13	"	uni. mat. type, seg gram type	3006 1-M
5089	-14	"	Uni	3007
5089	-15	"	Uni, Dev mat.	3008

~~M-Prel~~

~~h-Prel~~

3009

Fg 5089 321B39-16, RxD

3010

Fg 5089 - 17 "

H.O. Rec'd

Uniform Row, Rex as matting

3011

Fg 3103 322A3-2-1-2-1-1-1-1, R+TF

Uniform, V. good
seg phys R

3012

Fg 3107 322A3-4-2-1-1-1-3-1, "

3013

Fg 3108 322A3-4-2-1-1-1-4-1, "

3014

Fg 5090 322B39-1, "

Uniform,
V. similar to 3015 except
for head,

3015

5090 - 2

Uniform, Rex mat.
V. heavy, Excl Q

3016

5090 - 3

~~Prep
v. good~~

5090 322B39-4, R x T.F.

3017

5090

-5

"

3018

~~W-Prel~~Red maturity, Ecol Row
Vigorous,

Haw

5090

-6

"

3019

Too leafy.

NIRA, check

3020

5090

322B39-7,

"

3021

Uniform, Resemat.

V. good, similar to 3015

1.6

5090

-8

"

3022

5090

-9

"

3023

5090

-10

"

3024

V. good, uniform

1 sub L.

3025

Ham

Fg

5090

322B39-11, RXTF

Rex mat, V. good

3026

Ham

Fg

3114

323A3-1-1-1-1-1-1, RxSBR

BR maturity

Co = 0

3027

Ham
For mulling
1 set V. good

Fg

3122

323A3-1-4-1-1-1-3-1, "

Earlier than Rex, sl later than
BR, long gran, vigorous,
clean, V. good
sl irregular fl.

3028

Ham

Fg

3131

323A5-1-2-1-1-1-2-1, "

3029

Fg

5091

323B39-1,

"

BR maturity

Co = 0

3030

5091

- 2

"

3031

5091

- 3

"

3032

5091

- 4

"

~~Ham~~
~~trond~~~~some plants~~
~~not distinct~~
~~as to type~~~~1-Pg~~~~very much~~
~~sub center~~~~all like 3030~~

Fg 509/ 323839-5, Rx SBR

like 3034

3033

509/

-6,

"

V. good, gold hulls BK type

Has tip above. Co = 0

3034

How

509/

-7,

"

like 3034

3035

509/

-8,

"

Co = 0 : smooth
BK maturity, gold hulls
Very good.

3036

How

Too much
wh. center

509/

-9,

"

like 3034

3037

509/

-10

"

like 3034

3038

509/

-11

"

3039

C2854-3, Ryker, BR, check

3040

3041

F9 5091 323B39-12, RxsBR

3042

5091 -13, "

3043

~~K-Pre~~ 5091 -14, "
Haw. 1 sel. has arows than others

3044

5091 -15, "

3045

5091 -16, "

3046

5091 -17, "

3047

5091 -18, "

3048

5091 -19, "

like 3034

all like 3034

Fg 509/ 323B39-20, RxSBR

3049

509/ -21, "

3050

like 3034

509/ -22, "

3051

509/ -23, "

3052

509/ -24, "

3053

Fg 3133 324A1-16-3-1-2-1-1, RxS094

3054

Fg 3133 324A1-16-3-1-2-1-2, "

3055

seg E & Lat.

O-Co, Vetch Ho.

1 E
1 L

Fg 3139 324A1-16-3-1-2-2-4-1, "

3056

Roxo maturity

3057

Have for mulling

Check. Study in mulling

Fg 3139 324A1-16-3-1-2-2-4-2, R15094

3058

Fg 3139 324A1-16-3-1-2-2-4-3, "

3059

Fg 3143 324A5-5-1-2-1-1-1-1, "

3060

ASAHI, check

3061

Have 1 set

1-Brut

Fg 3143 324A5-5-1-2-1-1-1-2, "

*✓ good, similar maturity to 324A1-8-2-1
thicker grain, more vigorous growth
Very outstanding.*

3062

Fg 3144 324A5-5-1-2-1-1-2-1, "

3063

Fg 3144 324A5-5-1-2-1-1-2-3, "

3064

Fg 5092 324B39-1, "

Fg	5092	324B39-2	Rx 5094	3065
	Vigord	Rox	Earlier than Rex	Harm
	CO = 0			2 sel
	Little Ho,	Very Promising	Uni Virginia	
	5092	-3	"	3066
			Uni	1 sel
			Earlier than Rex, like 1-2-2-1	
	5092	-4	"	3067
			Slutty body	
			Uni.	
	5092	-5	"	3068
			big for lot & small	
	5092	-6	"	3069
			Uni, as late as Rex	
	5092	-7	"	3070
	Only fair		Uni, consid earlier	Harm
	nothing good		than Rex.	
	5092	-8	"	3071
			Uni, open panels	
	5092	-9	"	3072
			Uni, good	

3073	Fg 5092	324B39-10, Rx5094	
	Uni		
3074	5092	-11	"
	Uni		
3075	5092	-12	"
	Uni		
3076	5092	-13	"
	Uni		
3077	5092	-14	"
	Uni		
3078	5092	-15	"
	Uni		
3079	5092	-16	"
Uni	h-pul		
	Uni, V good, Heavy stain		
	V less dense than 1-2-2-1 lines		
	V. little shattering		
3080	ACADIA,	check	

Fg 5092		324 B39-17	Full Hd	Rx5094	3081
V good mulling		<u>midseason</u> check qual			Harv
		<u>M-Bred</u>			10/3
521	B324A1-8-2-1	Se 1	9/19	"	3082
521	"	"	"	"	3083
Bred body in mulling clearly		good	2/20	Harv	
521	"	"	9/20	"	3084
521	"	"	9/21	"	3085
		later than adj now			
521	"	"	9/19	"	3086
521	"	"	9/19	"	3087
521	"	"	9/18	"	3088

3089

Haw

~~V. good mixed~~

~~L. P. red~~

1. good

B324A1-8-2-1/Sel,
Rx5094

9/17

3090

521

"

"

9/21

3091

521

"

"

9/19

3092

521

"

"

9/20

3093

521

"

"

9/21

3094

521

"

"

9/20

3095

521

"

"

9/19

3096

521

"

"

9/18

521	B324A1-8-2-1, Sc1, RX5094	July 24 9/20	3097
521	"	" 9/22 3 sub. leg. grain, sl later than ady Rows	3098
521	"	" 9/20	3099
	FORTUNA, <u>check</u>	9/20	3100
521	B324A1-8-2-1, Sc1, RX5094	9/20	3101
521	v. good qual " h. Prel	" 9/20	3102
521	"	" 9/18	3103
521	Prel shorter straw than ady rows e earlier	" 9/20	3104

			Full 2/2	
3105	521	B324A1-8-2-1, Sel, Rx5094	9/21	
3106	521	"	9/20	"
3107	521	"	9/20	"
3108	521	"	9/22	"
3109	521	"	9/20	"
3110	521	"	9/21	"
3111	F9 2262	325A1-1-1-1-1-2-3-1/Rx5810		
3112	F9 2262	325A1-1-1-1-1-2-3-2,		"
I-M				

F9 2266	326A1-4-1-3-2-2-3, Rx 5810 326A1-4-1-1-2-1-1-1, Rx 5947	"	3113
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F8 2271	326A1-10-6-1-3-3-1,	"	3114
			1-M

F8 2272	326A1-10-6-1-3-4-1,	"	3115
			1-M

F9 3145	326A1-4-1-1-2-1-1-1,	"	3116
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F9 3145	326A1-4-1-1-2-1-1-2,	"	3117
			1-L

F8 3147	326A1-10-6-1-2-1-1,	"	3118
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F8 3147	326A1-10-6-1-2-1-2,	"	3119
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BLUE ROSE, <u>check</u>			3120
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- | | | | |
|------|---------|---------------------|---|
| 3121 | F7 3151 | 332B38-11-1, Rx7482 | |
| 3122 | F7 3151 | 332B38-11-2, | " |
| 3123 | F7 3151 | 332B38-11-3, | " |
| 3124 | F7 3152 | 332B38-12-1, | " |
| 3125 | F7 3152 | 332B38-12-2, | " |
| 3126 | F7 3152 | 332B38-12-3, | " |
| 3127 | F7 3158 | 333B38-17-1, 7482XF | |
| 3128 | F7 3158 | 333B38-17-2, | " |

F7 3158	333B38-17-3,	7482 x F,	3129
F7 3161	334B38-8-1,	7482 x D	3130
F7 3161	334B38-8-2,	"	3131
F7 3162	334B38-9-1,	"	3132
	Long panicle good grain type stiff straw		2 L
F7 3162	334B38-9-2,	"	3133
F7 3148	331B38-7-1,	7482 x SP	3134
F7 3149	331B38-8-1,	"	3135
F7 3149	331B38-8-2,	"	3136

3137 F7 3164 337B38-15-1, 7482x5094

3138 F7 3164 337B38-15-2, "

3139 F7 3164 337B38-15-3, "

3140 Rexoro, check

3141 F7 3161 334B38-8-1, 7482x D

3142 F7 3167 337B38-18-1, 7482x5094

3143 F7 3167 337B38-8-2, "

3144 F7 3161 334B38-8-2, 7482x D

F ₇ 3169	337B38-20-1,	7482 x 5094	3145
F ₇ 3169	337B38-20-2,	"	3146
F ₇ 3169	337B38-20-3,	"	3147
F ₇ 3172	338B38-16-1,	F ₁ (R15947) x 7482	3148
F ₇ 3173	338B38-17-1,	"	3149
F ₇ 3174	339B38-4-1,	7482 x F ₁ (R15810)	3150
F ₇ 3175	339B38-5-1,	"	3151
F ₇ 3176	339B38-6-1,	"	3152

3153

F7 3176 339 B38-6-2,
7482 x F1(RxS810)

3154

F7 5095 3310 B39-1, 7689 XE

3155

F7 5095 - 2 "

3156

Very poor
mudstone
slant picture, mudstone
heavy row, stools out well

3157

5095 - 4 "

3158

5095 - 5 "

3159

5095 - 6 "

3160

NIRA, check

F7 5095	3310B39-7,	7689 x E	3161
5095	-8	"	3162
5095	-9	"	3163
F7 3183	3313A1-3-1-1-1,	R x 7689	3164
F7 3183	3313A1-3-1-1-2,	"	3165
F7 3183	3313A1-3-1-1-3,	"	3166
F7 3183	3313B1-3-1-1-4,	"	3167
F7 2435	3313A1-2-2-2-1-1,	R x 7689	3168

3169	F ₇ 5096	3313B39-1,	Rx7689
3170	5096	-2	"
3171	5096	-3	"
3172	5096	-4	"
3173	5096	-5	"
3174	5096	-6	"
3175	5096	-7	"
3176	5096	-8	"

F7 3096 3313B39-9, Rx7689

3177

v. good
milling
grad.

9/8

L-Best

Harv
10/3

3096

-10

"

3178

3096

-11

"

3179

Rogers Blue ~~Base~~ 9/5

"

3180

-13

"

3181

Cloudy 3096
v. good
milling
grad.

9/5

underwater

Very heavy snow Promising
Unusual in clarity to stoolHarv
10/3

3096

-14

"

3182

3096

-15

"

3183

F7 3325 3314B38-11-1, 7689XCO

3184

2 Late

3185

F7 2083 3317A9-6-1:2-1-1, 7689x5094

3186

F7 5097 3318A39-1, 7689x F
9/5

3187

5097

- 2

"

9/11

3188

5097

- 3

"

3189

5097

- 4

"

3190

5097

- 5

"

3191

5097

- 6

"

3192

5097

- 7

"

F7 2467 3318A2-5-1-2-1-1, 7689xF 3193

9

F7 2467 3318A2-5-1-2-1-2, " 3194

*Alred
Bulky
miller*
*for mulling Anty 7 set
L.*

F6 2930 34H-51-1-1, 1645x5309 3195

*1. good
mulling*
L. Prel
Univ. now breeding time
justifiable value
1 set

F6 2930 34H-51-1-2, " 3196

Univ

F6 2930 34H-51-1-3, " 3197

F6 2931 34H-59-1-1, " 3198

F6 2932 39H-69-1-1, " 3199

HO Resist

ASAHI, check.

3200

3201 F6 2933 34H-80-1-1, 1645 x 5309

3202 F6 2934 35X-1-1-1, 5398 x BR

3203 F5 3282 34A 5309 x BR

mal parent in 1939 Cross with no 7120
Very tall, similar to BR
in maturity, possibly a little later
+ 1 m Co. disc too tall

3204 F5 3284 34A "

3205 F5 2918 3511A 3-1-1-1, (B314A 8-2-3-2 x N) ^{SP x SS}

3206 F5 2919 3511A 3-10-1-1, "

3207 F5 2928 3512A 1-4-3-1-1 (B314A 2-8-2-1) x ^{SP x SS}
SBR

3208 F5 2929 3512A 2-3-1-1, "

F6 3184 3512A12-2-1-1, ^{SPXST}(B314A8-2-3-1) x SBR 3209

F6 3184 3512A12-2-1-2, " 3210
 seg. med. long grain types, 4 lob
 consid. no recs. Has pr. color present
 indicating a well cross, good Q

F6 3185 3512A15-1-1-1, " 3211

F6 3185 3512A15-1-1-2, " 3212

F6 3185 3512A15-1-1-3 " 3213

F3 5045 3715A35-1, F1(3512A) x SBR 3214

5045 - 2 " 3215

5045 - 3 " 3216

3217	F3 5045	3715A35-4, F, (3512A) x SBR	
------	---------	-----------------------------	--

3218	F3 5045	-5	"
------	---------	----	---

3219	F3 5045	-6	"
------	---------	----	---

3220	ACADIA, <u>check</u>		
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3221	F3 5045	3715A35-7	"
------	---------	-----------	---

3222	5045	-8	"
------	------	----	---

3223	5045	-9	"
------	------	----	---

3224	5045	-10	"
------	------	-----	---

F5 2092 3516A36-1-1-1, (2416A10-4-2 x SBR) 3225

F5 2092 3516A36-1-1-2, " 3226

F5 2092 3516A36-1-1-3, " 3227

F5 2958 3514A1-4-1-1, (2416A31-5-2 x SBR) 3228

later, to Co, not used 2 lat
as BR

F5 2958 3514A1-4-1-2, " 3229

F5 2962 3514A1-21-1-1, " 3230

F5 2962 3514A1-21-1-2, " 3231

F5 2962 3514A1-21-1-3, " 3232

3233	F5 2962	3514A1-21-4	(B2916A31-S-2 xSBR)
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3234	F5 3186	3513A1-1-1-1	(3916A73-2 xSBR)
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3235	F5 3186	3513A1-1-1-2,	"
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3236	F5 2475	351A1-10-1-1,	KxS
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3237	F5 2475	351A1-10-1-2,	"
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3238	F5 2475	351A1-10-1-3,	"
------	---------	---------------	---

3239	F5 2487	351A1-21-1	"
------	---------	------------	---

3240	FORTUNA,	<u>check</u>	
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F5 2491	351A1-24-1-1,	KxS	3241
F5 2491	351A ¹⁻ 24 -1-2,	"	3242
seg for slutt less drying than others			1 lot
F5 2493	351A1-26-2-1,	"	3243
F5 2497	351A1-31-1-1,	"	3244
F5 2498	351A1-31-2-1,	"	3245
F5 2501	351A 1-32-2-1,	"	3246
F5 2502	351A1-33-1-1,	"	3247
F5 2518	351A1-42-1-1,	"	3248

3249	F5 2578	35/A1-42-1-2,	KXS
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3250	F5 2523	35/A1-49-1-1,	"
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3251	F5 2532	35/A1-55-1-1,	"
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3252	F5 2532	35/A1-55-1-2,	"
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3253	F5 2532	35/A1-55-1-3,	"
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3254	F5 2534	35/A1-56-1-1,	"
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3255	F5 2537	35/A1-58-2-1,	"
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3256	F5 2537	35/A1-58-2-2,	"
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FS 2538	351A1-58-3-1,	KXS	3257
FS 2538	351A1-58-3-2,	"	3258
FS 2541	351A1-64-1-1,	"	3259
Blue Rose, <u>Check</u>			3260
FS 2541	351A1-64-1-2,	"	3261
FS 2543	351A1-64-3-1,	"	3262
FS 2543	351A1-64-3-2,	"	3263
FS 2543	351A1-64-3-3,	"	3264

3265 FS 2545 351A1-64-S-1, Kxs
Highly HO Brest

3266 FS 2545 351A1-64-S-2, "
2 cels

3267 FS 2546 351A1-66-1-1, "
1 cel

3268 FS 2546 351A1-66-1-2, "

3269 FS 2546 351A1-66-1-3, "

3270 FS 2546 351A1-66-1-4, "

3271 FS 2546 351A1-66-1-5, "

3272 FS 2548 351A1-66-3-1, "

FS 2548	35/A1-66-3-2,	KxS	3273
<i>for mulling good Bk type</i>		<i>for mulling</i>	<i>How</i>
FS 2548	35/A1-66-3-3,	"	3274
<i>for mulling good Bk type better than 3273</i>		<i>for mulling</i>	<i>How</i>
FS 2549	35/A1-67-1-1,	"	3275
FS 2550	35/A1-67-2-1,	"	3276
FS 2552	35/A1-68-2-1,	"	3277
FS 2552	35/A1-68-2-2,	"	3278
FS 2552	35/A1-68-2-3,	"	3279
REXORD, <u>check</u>			3280

3281	FS 2554	35/A1-69-1-1,	KXS
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3282	FS 2556	35/A1-71-1-1,	"
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3283	FS 2556	35/A1-71-1-1,	"
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3284	FS 2557	35/A1-72-1-1,	"
------	---------	---------------	---

3285	FS 2559	35/A1-73-1-1,	"
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3286	FS 2559	35/A1-73-1-2,	"
------	---------	---------------	---

3287	FS 2559	35/A1-73-1-3,	"
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3288	FS 2561	35/A1-73-1-1,	"
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2 later

see A73 line

FS2561	35/A1-73-1-2,	KXS	3289
FS2561	35/A1-73-1-3,	"	3290
FS2562	35/A1-74-1-1,	"	3291
FS2562	35/A1-74-1-2,	"	3292
FS2563	35/A1-74-2-1,	"	3293
FS2564	35/A1-75-1-1,	"	3294
FS2564	35/A1-75-1-2,	"	3295
FS2564	35/A1-75-1-3,	"	3296

*10 leaf not
image from*

3297

Fs 2565 35/A1-75-2-1, KxS

2 sel

V. good, seg slat
longer grain than 3301

3298

Fs 2565 35/A1-75-2-2, "

slat

3299

Fs 2567 35/A1-75-4-1, "

slat

3300

NIRA, check

3301

Fs 2567 35/A1-75-4-2, "

2 sel

almost hit A75 line
seg for shot
grain a little short

3302

Fs 2570 35/A1-79-1-1, "

slat

3303

Fs 2570 35/A1-79-1-2, "

slat

3304

Fs 2570 35/A1-79-1-3, "

slat

F5 2570	351A1-79-1-4, <i>short</i>	KxS	3305
F5 2570	351A1-79-1-5, <i>big shot,</i>	"	3306 <i>2 sub</i>
F5 2570	351A1-79-1-6,	"	3307
F5 2571	351A1-79-2-1,	"	3308
F5 2571	351A1-79-2-1,	"	3309
F5 2573	351A1-84-1-1,	"	3310
F5 2573	351A1-84-1-2,	"	3311
F5 2574	351A1-84-2-1,	"	3312

3313 *Horn* *sel* *only for quality* *M-prod* *FS 2874* *351A1-84-2-2,* *K₂S*
larger grain than most K₂S lines
smaller than BK₂
subsample to alk.

3314 *sel* *FS 2576* *351A1-86-2-1,* *"*

3315 *FS 2577* *351A1-87-1-1,* *"*

3316 *FS 2578* *351A1-87-2-1,* *"*

3317 *FS 2578* *351A1-87-2-2,* *"*

3318 *FS 2578* *351A1-87-2-3,* *"*

3319 *FS 2583* *351A1-90-1-1,* *"*

3320 *C2854-3,* *Ryken BK₂ck*

F5 2586	351A1-91-1-1,	KxS	3321
F5 2586	351A1-91-1-2,	"	3322
F5 2586	351A1-91-1-3,	"	3323
F5 2587	351A1-91-2-1,	"	3324
F5 2587	351A1-91-2-2,	"	3325
F5 2587	351A1-91-2-3,	"	3326
F5 2588	351A1-91-3-1,	"	3327
F5 2588	351A1-91-3-2,	"	3328

3329	FS 2590	351A1-94-1-1,	KXS
3330	FS 2590	351A1-94-1-2,	"
3331	FS 2590	351A1-94-1-3,	"
3332	FS 2590	351A1-94-1-4,	"
3333	FS 2594	351A1-96-1-1,	"
3334	FS 2594	351A1-96-1-2,	"
3335	FS 2594	351A1-96-1-3,	"
3336	FS 2598	351A1-97-1-1,	

F5 2599	35/A1-99-2-1,	KXS	3337
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F5 2601	35/A1-99-3-1,	"	3338
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Smooth

good quality
small hole

L-Pro

Ham
late

F5 2602	35/A1-99-3-2,	"	3339
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good quality
small hole

Rough looks better than 3338
altho stand may be reason.

Ham
late

ASAHI,	check		3340
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F5 2601	35/A1-99-3-3,	"	3341
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F5 2602	35/A1-100-1-1,	"	3342
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V. g. BR types

Lock

F5 2604	35/A1-104-1-1,	"	3343
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F5 2604	35/A1-104-1-2,	"	3344
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3345

F5 2604 35/A1-104-1-3, KXS

1 sel

3346

F5 2605 35/A1-104-2-1, "

3347

F5 2605 35/A1-104-2-2, "

3348

F5 2606 35/A1-105-1-1, "

3349

F5 2607 25/A1-106-1-1, "

3350

F5 2607 25/A1-106-1-2, "

3351

Have
2 sel

1 sel

F5 2607 25/A1-106-1-3, "
sl. earlier than BK.
thin, good, except
seg for degree of am.
smooth

3352

Have
1 sel

*only two
miller*

F5 2607 25/A1-106-1-4, "
sl. Earlier than BK.
good rough
similar to 3351, except for pub.

F5 2608	351A1-106-2-1,	KxS.	3353
F5 2608	351A1-106-2-2,	"	3354
F5 2608	351A1-106-2-3,	"	3355
F5 2610	351A1-107-2-1,	"	3356
F5 2610	351A1-107-2-2,	"	3357
F5 2611	351A1-108-1-1,	"	3358
F5 2611	351A1-108-1-2,	"	3359
ACADIA, <u>check</u>			3360

- 3361 *1. good* ~~WP~~ F5 2612 351A1-109-1-1, KXS
*good med-grain Uni. Rough,
 Earlier than BK*
- 3362 F5 2612 351A1-109-1-2, "
- 3363 *2-sek.* F5 2612 351A1-109-1-3, "
*Same very good segn,
 less dry than 3361
 rough + smooth segn.*
- 3364 F5 2613 351A1-109-2-1, "
- 3365 F5 2613 351A1-109-2-2, "
- 3366 F5 2615 351A1-112-1-1, "
- 3367 F5 2615 351A1-112-1-2, "
- 3368 *1 sek.* F5 2616 351A1-113-1-1, "
Highly Resist H₂O

F5 2617	351A1-114-1-1,	KxS	3369
F5 2617	351A1-114-1-2,	"	3370
F5 2619	351A1-114-3-1,	"	3371
F5 2619	351A 1-114-3-2,	"	3372 2 sub
F5 2619	351A1-114-3-3,	"	3373
F5 2624	351A1-115-3-1,	"	3374
F5 2625	351A1-115-4-1,	"	3375 2 sub
F5 2626	351A1-116-1-1,	"	3376 2 sub

3377

F5 2628 35/A 35/A1-117-2 ~~KXS~~

3378

F5 2628 35/A1-117-2-2, "

3379

F5 2629 35/A1-118-1-1, "

3380

FORTUNA, check

3381

F5 2631 35/A1-120-1-1, KXS

1 sel
Horn

Good
qual

~~Pre~~

3382

F5 2631 35/A1-120-1-2, "

1 sel

3383

F5 3327 35/A1-75-6-1, "

2 sel

V. good but rather leafy
and shabby
very mature

3384

F5 3330 35/A1-75-9-1, "

F ₅ 2645	352A11-1-1-1,	K x R	3385
<i>good milled product</i> <i>9/1</i> <i>earlier than BK</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i>			
F ₅ 2645	352A11-1-1-2,	"	3386
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i>			
F ₅ 2645	352A11-1-1-3,	"	3387
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			
F ₅ 2652	352A1-2-1-1,	"	3388
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			
F ₅ 2652	352A1-2-1-2,	"	3389
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			
F ₅ 2652	352A1-2-1-3,	"	3390
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			
F ₅ 2653	352A1-6-1-1,	"	3391
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			
F ₅ 2654	352A1-6-2-1,	"	3392
<i>9/1</i> <i>earlier than BK</i> <i>Send one</i> <i>9/8</i> <i>all 3 look very nearly identical grow only</i> <i>3387 look closer to this</i> <i>Harv</i> <i>2 sel</i>			

3393

Fs 2654 352A1-6-2-2, KxR

1 seltrace shed

9/6

3394

Fs 2654 352A1-6-2-3, "

2 sel

9/6

3395

Fs 2654 352A1-6-2-4, "

9/6

3396

Fs 2654 352A1-6-2-5, "

9/6

3397

Fs 2656 352A1-9-1-1, "

seq

3398

Fs 2656 352A1-9-1-2, "

3399

Fs 2656 352A1-9-1-3, "

3400

Blue Rose, check

9/5

F5 2657	352A1-11-1-1,	K x R.	3401
F5 2657	352A1-11-1-2,	"	3402
F5 2661	352A1-14-1-1,	"	3403
F5 2661	352A1-14-1-2,	"	3404
F5 2664	352A1-15-3-1,	"	3405
	sl. later than BK. Very good, NO root.		3 subs.
F5 2664	352A1-15-3-2,	"	3406
F5 2664	352A1-15-3-3,	"	3407
	sl. later than BK		2 subs.
F5 2665	352A1-16-1-1,	"	3408

3409 FS 2665 352A1-16-1-2, KxR

3410 FS 2665 352A1-16-1-3, "

3411 FS 2667 352A1-17-1-1, "

3412 FS 2668 352A1-18-1-1, "

3413 FS 2668 352A1-18-1-2, "

3414 FS 2669 352A1-21-1-1, "

3 sub
rather shorter, & good but
avg grain length.

3415 FS 2669 352A1-21-1-2, "

2 sub
earlier than other rows.

3416 FS 2669 352A1-21-1-3, "

3 sub
v. good.

all A21 lines have good grain

F5 2669	352A1-21-1-4	KXR	3417	sl. later than BK, Eval Q seg grain length
F5 2669	352A1-21-1-5,	"	3418	L. pred 1 sel Horn
F5 2669	352A1-21-1-6,	"	3419	Earlier than other A21 lines 1 sel
	Rex 010,	<u>check</u>	3420	
F5 2669	352A1-21-1-7,	"	3421	
F5 2671	352A1-27-1-1,	"	3422	v. good BK mat 3 sel
F5 2671	352A1-27-1-2,	"	3423	
F5 2672	352A1-28-1-1,	"	3424	

3425 FS 2675 352A1-33-1-1, KxR

3426 FS 2675 352A1-33-1-2, "

3427 FS 2677 352A1-35-1-1, "

3 sebs
Vignoles now granular a with
por gran slope, sl flat.

3428 FS 2678 352A1-36-1-1, "

3429 FS 2681 352A1-38-1-1, "
8/30

3430 FS 2681 352A1-38-1-2, "
8/30

3431 FS 2681 352A1-38-1-3, "
8/30

Have
3 sebs + m mb
cut two
Bed of 1-38 line, all Uni
growth & mat but por gran slope
This line has a por gran, say por.

3432 FS 2682 352A1-38-2-1, "
8/30

F5 2682	352A1-38-2-2, 8/30	KXR	3433
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F5 2683	352A1-39-1-1,	"	3434
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F5 2683	352A1-40-1-1, V. good lent auro	"	3435
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F5 2683	352A1-40-1-2, V. good lent auro than 3435	"	3436 <u>2 sch</u>
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F5 2683	352A1-40-1-3,	"	3437
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F5 2683	352A1-40-1-4,	"	3438
---------	---------------	---	------

F5 2686	352A1-40-2-1,	"	3439
---------	---------------	---	------

NIRA, check	9/8		3440
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3441

~~L Bunt~~

FS 2686 352A1-40-2-2, KXR

Isab
Herbto melting
v. good
mellowgood, rather tall, ^{miter bark} sl. later
than sp, o sheath, prominent
Uniform

3442

FS 2687 352A1-43-1-1, "

3443

FS 2687 352A1-43-1-2, "

3444

FS 2689 352A1-44-1-1, "

3445

FS 2689 352A1-44-1-2, "

Isab

3446

FS 2690 352A1-44-2-1, "

3447

FS 2690 352A1-44-2-2, "

3448

FS 2691 352A1-45-1-1, "

F52691	352A1-45-1-2,	KxR	3449
F52692	352A1-47-1-1,	"	3450
F52692	352A1-47-1-2,	"	3451
F52695	352A1-55-1-1,	"	3452 1 sel
F52695	352A1-55-1-2,	"	3453
F52695	352A1-55-1-3,	"	3454 1 sel v. un row
F52696	352A1-53-1-1,	"	3455 1 sel un row
F52696	352A1-53-1-2,	"	3456

- | | | | |
|------|----------|-----------------------------|------|
| 3457 | F52696 | 352A1-53-1-3, | KxR |
| 3458 | F52698 | 352A1-56-1-1,
9/9 | " |
| 3459 | F52699 | 352A1-56-2-1,
9/10 | " |
| 3460 | C2854-3, | Ryker, BR, <u>ck</u>
9/5 | |
| 3461 | F52699 | 352A1-56-2-2,
9/9 | KxR, |
| 3462 | F52699 | 352A1-56-2-3,
9/9 | " |
| 3463 | F52699 | 352A1-56-2-4,
9/8 | " |
| 3464 | F52703 | 352A1-57-3-1,
9/9 | " |

F52703 352A1-57-3-2, KxR. 3465
9/9

F52704 352A1-59-1-1, " 3466
9/5

F52704 352A1-59-1-2, " 3467

F52704 352A1-59-1-3, " 3468

*V. good, 1/2 inch stem, thin ady bones
could pass for a Bk. Sig for grain type
prominent appearance.*

Horn
3 selb

F52704 352A1-59-1-4, " 3469
not of a slender grain type

2 selb

F52705 352A1-60-1-1, " 3470
9/9

F52705 352A1-60-1-2, " 3471

F52706 352A1-61-1-1, " 3472

Continued in Book #2



To harvest (not to grow)

2746 → to grow

2747

2777

2792

2801

2812

2818 (possibly grow.)

To grow Harv.

2715

16

17

2908

3015

3018

3025

3057

3065

3079

3083

3089

3194

3273

3294

3313

3338

3339

3351

3352

3361

3381

3383

3385

3387

3392

3417

3441



To harvest

4246

4238

To harvest

6018

6031

6035

6181, like S2914A10-2-P

6200 harvest tetra like plant

6235

6264

check in old rpt

6257

6262 (very rank growth)

Foot x B.P.

Calas Calas

E.P. x S.B.

SAMPLE PAGE.

VARIETAL TEST OF OATS, 1908.

CONDITIONS OF EXPERIMENT.

PLOT.

Location.....Field H.
Size.....1/20 acre.

SOIL.

Kind.....Prairie loam.
Position.....Somewhat rolling.
Previous crop.....Corn.

NAME AND CONDITION OF MACHINERY.

Plow.....
Disk.....Osborn.....Sharp.
Harrow.....U Bar.....Good.
Seeder.....Monitor.....Good.

SEED.

Variety.....Variable.
Weight per bushel.....Variable.
Source.....Variable.
Treatment.....Fanned clean and treated for smut.

SEED BED.

Preparation:

1. Disked (lapped half).....4-6-'08.
2. Disked (lapped half).....4-10-'08.
3. Harrowed.....4-10-'08.
4. Harrowed.....4-27-'08.
5. Seeded.....4-27-'08.
6. Harrowed.....4-27-'08.

SEEDING.

Manner.....Drilled.
Date.....4-27-'08.
Rate.....3 bushels per acre by weight.

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY.

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED.

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner_____

Date_____

Rate_____

_____ TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY.

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED.

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location_____

Size_____

SOIL.

Kind_____

Position_____

Previous crop_____

NAME AND CONDITION OF MACHINERY.

Plow_____

Disk_____

Harrow_____

Seeder_____

SEED.

Variety_____

Weight per bushel_____

Source_____

Treatment_____

SEED BED.

Preparation:

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner_____

Date_____

Rate_____

TEST OF _____, 19____

CONDITIONS OF EXPERIMENT.

PLOT.

Location _____

Size _____

SOIL.

Kind _____

Position _____

Previous crop _____

NAME AND CONDITION OF MACHINERY.

Plow _____

Disk _____

Harrow _____

Seeder _____

SEED.

Variety _____

Weight per bushel _____

Source _____

Treatment _____

SEED BED.

Preparation :

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

SEEDING.

Manner _____

Date _____

Rate _____

3473

F5 2707 352A1-62-1-1, KXR

3474

F5 2707 352A1-62-1-2, "

3475

F5 2707 352A1-62-1-3, "

1 sel

3476

F5 2708 352A1-63-1-1, "

2 sel

3477

F5 2708 352A1-63-1-2, "

4 sel

seg mat, very good
apples, heavy stain

3478

F5 2708 352A1-63-1-3, "

1 sel

seg mat, similar to
3477

3479

F5 2717 352A1-70-1-1, "

3480

ASAHI, check

F5 2717	352A1-70-1-2,	F Pre K x R	3481	<u>Haw</u>
		V. good, type mill to determine how it would go as a short grain var.		1 sel
F5 2717	352A1-70-1-3,	"	3482	
		longer grain than 3481		1 sel
F5 2717	352A1-70-1-4,	"	3483	
F5 2718	352A1-71-1-1,	"	3484	
F5 2718	352A1-71-1-2,	"	3485	
F5 2718	352A1-71-1-3,	"	3486	1 sel
F5 2718	352A1-71-1-4	"	3487	
F5 2718	352A1-71-1-5	"	3488	1 sel

3489 F5 2718 352A1-71-1-5, KxR

3490 F5 2721 352A1-72-2-1, "

3491 F5 2721 352A1-72-2-2, "

3492 F5 2722 352A1-73-1-1, "

3493 F5 2722 352A1-73-1-2, "

3494 F5 2722 352A1-73-1-3, "

3495 F5 2724 352A1-73-3-1, "

3496 F5 2724 352A1-73-3-2, "

R FS 2725 352A1-75-1-1, KXR 3497
only fair quality Very Uniform, rather short Horn
 straw, later than PK 2 sets
 earlier than Brown

FS 2727 352A1-78-1-1, " 3498

FS 2727 352A1-78-1-2, " 3499

ACADIA, check 3500

FS 2728 352A1-78-2-1, " 3501

poor quality + not uniform Um, good plant type Horn
 but questionable grain shape only 1 set

FS 2728 352A1-78-2-2, " 3502

FS 2728 352A1-78-2-3, " 3503

FS 2729 352A1-78-3-1, " 3504

F5 2732 352A1-79-3-1, KxR

F52732 352A1-79-3-2, 11

F5 274/ 352 A1-88-2-1, "

3508

F5 2741 352A1-88-2-2, 11

for murchisonia
1. good quality
seg. length

F5 2741 352A1-88-2-3

F5 2742 352A1-89-1-1, "

V. good
quality

~~RR~~ good, earlier than Rex

F5 2742 352A1-89-1-2, " "

F5 2742 352A1-89-1-9

FS 2742	352A1-89-1-4,	K x R	3513
	golden light earls mature and short star throats		1 sub
FS 2742	352A1-89-1-5,	"	3514
Brakes very bold mell of	V. good, similar to 3510		1 sub
			2 sub
FS 2744	352A1-89-3-1,	"	3515
	As early as BR, V. good		2 sub
FS 2744	352A1-89-3-2,	"	3516
	Similar to 3515, except better Q		3 sub
FS 2744	352A1-89-3-3,	"	3517
	Similar to 3516		2 sub
FS 2744	352A1-89-3-4,	"	3518
			2 sub
FS 2745	352A1-89-4-1,	"	3519
	Seg for male		1 sub
FORTUNA, <u>check</u>			3520

3521 FS 2745 352A1-89-4-2, KxR

3522 FS 2746 352A1-91-1-1, "

3523 FS 2746 352A1-91-1-2, "

3524 FS 2746 352A1-91-1-3, "

3525 FS 2748 352A1-91-3-1, "

3526 FS 2748 352A1-91-3-2, "

3527 FS 2748 352A1-91-3-3, "

3528 FS 2749 352A1-92-1-1,

permanently altered

request

red

F5	2750	352A1-12-2-1,	KxR	3529
		<i>1/2 good meat 0 chat, but seg meat,</i>	<i>Type productive</i>	<i>2 sel</i>
F5	3206	352A11-2-1-1,	"	3530
		<i>seg meat long slender grain type</i>		<i>2 sel</i>
F6	3207	352A11-2-2-1,	"	3531
		<i>sl. earlier than 352A11-2-2-1, outstanding foreign, much less than 352A11-2-2-1, HAW Be sure to grow in 1945. grow in adv. but of course (seg grain type)</i>		<i>5 sel</i>
F5	2759	353A1-3-1-1,	Kx 7143	3532
F5	2759	353A1-3-1-2,	"	3533
F5	2762	353A2-8-1-1,	"	3534
				<i>1 sel</i>
F5	2768	353A2-11-1-1,	"	3535
				<i>1 sel</i>
F5	2768	353A2-11-1-2,	"	3536

3537 Fs 2769 353A2-11-2-1, Kx7143

1 sel

3538 Fs 2769 353A2-11-2-2, "

1 sel

3539 Fs 2769 353A2-11-2-3, "

1 sel

3540 BLUE ROSE, check

3541 Fs 2769 353A2-11-2-4, Kx7143

3542 Fs 2770 353A2-11-3-1, "

3543 Fs 2770 353A2-11-3-2, "

1 sel smooth sub.

3544 Fs 2771 353A2-11-4-1, "

F5 2771 353A2-11-4-2, Kx7143 3545

F5 2771 353A2-11-4-3, " 3546

F5 2772 353A2-11-5-1, " 3547

F5 2772 353A2-11-5-2, " 3548

F5 2773 353A2-12-1-1, " 3549

1 sel

F5 2776 353A2-14-1-1, " 3550

club type panicle, rather tall

very long strong sheath, sheath

1 sel

F5 2776 353A2-14-1-2, " 3551

similar to 3550, better Q

3 sel

F5 2778 353A2-18-1-1, " 3552

1 sel

3553 F5 2778 353A2-18-1-2, Kx7143

1 sel

3554 F5 2779 354A1-5-1-1, SBRx7143

4 sel

good BK type,

3555 F5 2779 354A1-5-1-2, SBRx7143

3556 F5 2779 354A1-5-1-1, SBRx7143

3557 F5 2781 354A1-5-1-1, SBRx7143

2 sel

~~3558~~ F5 2781 354A1-5-1-2, "

1 sel

3559 F5 2783 354A1-13-2, IE

1 sel

3560 REXORO, check

FS 2783 354A1-13-2-2, SBRx 7143 3561

FS 2783 354A1-13-2-3, " 3562

2 sel

FS 2284 (BTL) 354A1-13-3-1, " 3563

FS 2784 354A1-13-3-2, " 3564

1 sel

FS 2785 354A1-13-4-1, " 3565

2 sel

FS 2785 354A1-13-4-2, " 3566

FS 2785 354A1-13-4-3, " 3567

FS 2786 354A1-13-5-1, " 3568

3 sel

3569

F5 2786 354A1-13-5-2, SBRx7143

3 cels

3570

F5 2786 354A1-13-5-3, "

4 cels

3571

F5 2788 354A1-14-7-1, "

2 cels

Early types

3572

F5 2788 354A1-14-7-2, "

3 cels

3573

F5 2788 354A1-14-7-3, "

4 cels

3574

F5 2788 354A1-14-7-4, "

2 cels

3575

F5 2788 354A1-14-7-5, "

5 cels

3576

F5 2788 354A1-14-7-6, "

1 cell

Now for milling only, very poor
milling quality
about

all very productive, steep, exposed types
offered for sale - see above & 2 more
approaching, 1 sep - see above

FS 2788 354A1-14-7-7, SBRx7143 3577

1 sel

FS 2788 354A1-14-7-8, " 3578

1 sel

FS 2788 354A1-14-7-9, " 3579

2 sel

NIRA, check 3580

FS 2789 354A1-14-8-1, " 3581

2 sel

good
smaller
quality

~~1-Pre~~

Have

for melting only

FS 2789 354A1-14-8-2, " 3582

2 sel

FS 2789 354A1-14-8-3, " 3583

2 sel

FS 2789 354A1-14-8-4, " 3584

2-E.

3585 FS 2789 354A1-14-8-5, SBRX
7143

3586 FS 2790 354A1-16-1-1, "

3587 FS 2790 354A1-16-1-2, "

3588 FS 2790 354A1-16-1-3, "

3589 FS 2791 354A1-16-2-1, "

3590 FS 2791 354A1-16-2-2, "

3591 FS 2792 354A1-16-3-1, "

3592 FS 2792 354A1-16-3-2, "

F5 2792	354A1-16-3-3,	SBR x 7143	3593
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F5 2792	354A1-16-3-4,	"	3594
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F5 2793	354A1-16-4-1,	"	3595
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F5 2793	354A1-16-4-2,	"	3596
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F5 2793	354A1-16-4-3,	"	3597
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F5 2793	354A1-16-4-4,	"	3598
---------	---------------	---	------

F5 2794	354A1-21-1-1,	"	3599
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C2854-3,	Ryker Blue Rose,	check	3600
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3601 (glut) F5 2795 354A1-22-1-1, SBRx7143

3602 (glut) F5 2795 354A1-22-1-2, "

3603 F5 2796 354A1-22-2-1, "

3604 F5 2796 354A1-22-2-2, "

3605 F5 2797 354A1-22-2-3, "

121
3606 F5 2797 354A1-22-2-4, "

3607 F5 2798 354A1-23-2-1, "

3608 F5 2799 354A1-23-3-1, "

F5 1799	354A1-23-3-2, SBR x 7143		3609
	good myriapod row but shatter very badly.		<u>2 sel</u>
F5 1801	354A1-25-1-1,	"	3610
F5 1802	354A1-25-2-1,	"	3611
F5 2805	354A1-34-1-1,	"	3612
			<u>1 sel</u>
F5 2805	354A1-34-1-2,	"	3613
			<u>2 sel</u>
F5 2805	354A1-34-1-3,	"	3614
F5 2805	354A1-34-1-4,	"	3615
			<u>1 sel</u>
F5 2805	354A1-34-1-5,	"	3616
			<u>2 sel</u>

all all good feel from HQ,
Co = 0

3617 F5 2806 354A1-34-2-1, SBRx
7143

3618 F5 2806 354A1-34-2-2, "

3619 F5 2806 354A1-34-2-3, "

5 sub
seg mutants
very good types present

3620 ASAHI, check

3621 F5 2806 354A1-34-2-4, SBRx7143

1st
Highly stable

3622 F5 2808 355A2-13-1-1, B283A2-3x
7143

1st

3623 F5 2809 355A2-16-1-1, "

3624 F5 2810 355A2-16-2-1, "

F5 2810	355 A2-16-2-2, (B283A2-3 x 7/43)		3625
F5 2810	355 A2-16-2-3,	"	3626
F5 2811	355 A2-15-1-1,	"	3627
F5 2811	355 A2-15-1-2,	"	3628
F5 2811	355 A2-15-1-3,	"	3629
			<u>2 sub</u>
F5 2812	355 A2-17-1-1,	"	3630
	great type		1 al
F5 2815	355 A2-36-1-1,	"	3631
			2 sub
F5 2815	355 A2-36-1-2,	"	3632

3633 Fs 2815 355A2-36-1-3 (B283A2-3x7143)

3634 Fs 2815 355A2-36-1-4, "

sel
3635 Fs 2818 356A1-5-1-1, Vintula x 7143

1sel
3636 Fs 2819 356A2-4-1-1, "

3637 Fs 2819 356A2-4-1-2, "

3638 Fs 2819 356A2-4-1-3, "

3639 Fs 2821 356A2-4-2-1, "

3640 Acadia, ck

F52821	356A2-4-2-2, Yintula x 7143	3641
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F52821	356A2-4-2-3, "	3642
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F52823	357A1-1-1-1, St. Proof x 7143	3643
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2 subs

F52823	357A1-1-1-2, "	3644
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2

F52824	357A1-10-1-1, "	3645
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V. good row, earlier than Bk.
 early grain types

2 subs

F52830	357A1-32-1-1, "	3646
--------	-----------------	------

F52830	357A1-32-1-2, "	3647
--------	-----------------	------

HO resistant
 good long grain types

3 subs

F52830	357A1-32-1-3, "	3648
--------	-----------------	------

V. good

4 subs

3649 F5 2830 357A1-32-1-4, St. Proof x 7143

1 sub

3650 F5 2830 357A1-32-1-5, "

1 sub

3651 F5 2830 357A1-32-1-6, "

2 sub

3652 F5 2830 357A1-32-1-7, "

3 sub

3653 F5 2832 357A1-34-1-1, "

1 sub

3654 F5 2835 357A2-2-1-1, "

3655 F5 2835 357A2-2-1-2, "

3656 F5 2836 357A2-2-2-1, "

2 sub

F5 2836	357A2-2-2-2, St. Proof x 7143		3657	1 sel
F5 2837	357A2-12-1-1,	"	3658	2 sel
F5 2837	357A2-12-1-2	"	3659	1 sel
Fortuna	<u>ck</u>		3660	
F5 2738	357A2-15-1-1, St. Proof x 7143		3661	
F5 2847	358A3-19-1-1, Kx 4700		3662	1 sel
F5 2848	358A3-19-2-1,	"	3663	3 sel
F5 2848	358A3-19-2-2,	"	3664	

3665 FS 2849 358A3-19-3-1, Kx4700

2 sub

3666 FS 2849 358A3-19-3-2, "

3 sub

3667 FS 2850 358A3-20-1-1, "

1 sub

3668 FS 2850 358A3-20-1-2, "

1 sub

3669 FS 2850 358A3-20-1-3, "

2 sub

3670 FS 2851 358A3-22-1-1, "

2 sub

3671 FS 2851 358A3-22-1-2, "

3672 FS 2856 358A3-23-3-1, "

FS 2857	358A3-23-4-1,	KX 4700	3673
FS 2857	358A3-23-4-2,	"	3674
			1 sel
FS 2858	358A3-25-1-1,	"	3675
good shape pan texture	Has very clear grain, all along for shot gun, v. good,		<u>Haw</u> 9 sel
FS 2858	358A3-25-1-2,	"	3676
Breaks clean in two	Very good type, practically no H.A.		6 sel
FS 2858	358A3-25-1-3,	"	3677
	similar to 3676		4 sel
FS 2859	358A3-25-2-1,	"	3678
			2 sel
FS 2859	358A3-25-2-2,	"	3679
for mulling grain	Very good, clear grain most of shotgun slabs, 3 men-shattering plants sawed,		<u>Haw</u> 3 sel
Blue Rose, CK,			3680

3681 F5 2859 358A3-25-2-3 Kx4700

4 seeds
Ham
for mulling poor mulling quality

3682 F5 2861 358A3-25-3-1 "

6 seeds

3683 F5 2861 358A3-25-3-2 "

4 seeds

3684 F5 2862 358A3-25-4-1 "

3 seeds

3685 F5 2863 358A3-25-5-1 "

Ham
5 seeds
poor mulling quality

3686 F5 2863 358A3-25-5-2 "

Ham
3 seeds
for mulling poor mulling quality
Very heavy row testsg

3687 F5 2863 358A3-25-5-3 "

3 seeds

3688 F5 2865 358A3-30-1-1 "

4 seeds

F5 2865	358A3-30-1-2,	Kx4700	3689	<u>2 sel</u>
F5 2866	358A3-30-2-1, gram twisted	"	3690	<u>1 sel</u>
F5 2866	358A3-30-2-2,	"	3691	<u>1 sel</u>
F5 2869	358A3-30-5-1,	"	3692	<u>3 sel</u>
F5 2804	354A1-29-2-1, SBR. x 7143		3693	
F5 2870	358A3-30-6-1,	Kx4700	3694	<u>1 sel</u>
F5 2871	358A3-30-7-1, a good BR type	"	3695	<u>5 sel</u>
F5 2871	358A3-30-7-2,	"	3696	<u>1 sel</u> Similar to 3695

3697 F5 2874 359A2-12-1-1, (283A2-3 x 4700)

3698 F5 2874 359A2-12-1-2, "

3699 F5 2874 359A2-12-1-3, "

3700 Rexoro, CK

3701 F5 2875 359A2-12-2-1, (283A2-3 x 4700)

1 sub

3702 F5 2875 359A2-12-2-2, "

3703 F5 2875 359A2-12-2-3, "

1 sub

3704 F5 2875 359A2-12-2-4, "

F52876	359A2-12-3-1, (293A2-3 x 4700)		3705
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F52877	359A2-20-1-1,	"	3706
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F52879	359A2-22-1-1,	"	3707
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2 sub

F52879	359A2-22-1-2,	"	3708
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F52879	359A2-22-1-3,	"	3709
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F52879	359A2-22-1-4,	"	3710
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F52882	359A2-26-1-1,	"	3711
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F52882	359A2-26-1-2,	"	3712
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3713	Fs 2886	359A2-34-1-1,	(283A2-3 x 4700)
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3714	Fs 2289	359A2-43-1-1,	"
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3715	Fs 2890	359A2-43-2-1,	"
------	---------	---------------	---

1 sel.

3716	Fs 2891	359A2-43-3-1,	"
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3717	Fs 2891	359A2-43-3-2,	"
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3718	Fs 2893	359A2-46-2-1,	"
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3719	Fs 2893	359A2-46-2-2,	"
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3 sel.

3720	Nira,	CK	
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F52894	359A2-48-1-1, (B283A2-3 x 4700)		3721
F52898	3510A2-1-1-1, (Latex x 4700)		3722
			<u>3 sel</u>
F52902	3510A2-3-1-1,	"	3723
F52906	3510A2-4-3-1,	"	3724
			<u>1 sel</u>
F52909	3510A2-16-1-1,	"	3725
F52909	3510A2-16-1-2,	"	3726
			<u>1 sel</u>
F52909	3510A2-16-1-3,	"	3727
F52910	3510A2-16-2-1,	"	3728

3729 Fs 2910 3510A2-16-2-2 (latex x 4700)

3730 Fs 2910 3510A2-16-2-3, "
may be F₁ in 1939
4 sel clear gram good in 1940

3731 Fs 2911 3510A2-16-3-1, "

3732 Fs 2911 3510A2-16-3-2, "

3733 Fs 2911 3510A2-16-3-3, "

3734 Fs 2912 3510A2-17-1-1, "

3735 Fs 2912 3510A2-17-1-2, "

3736 " Fs 2913 3510A2-17-2-1, "

F5 2913 3510A2-17-2-2, (Latex x 4700) 3737

F5 2915 3510A2-31-1-1, " 3738

F5 2916 3510A2-36-1-1, " 3739

C2854-3, Ryker RR. 3740

F5 2917 3510A2-44-1-1, (Latex x 4700) 3741

F5 2933 34H-80-1-1, (1645 x 5309) 3742

F6 5098 34/B39-1, CALon x Fortuna 3743

F6 5098 34/B39-2, " 3744

3745 F6 5098 341B39-3, Caloro x Fortana

3746 F6 5098 341B39-4, "

2 sub

3747 F6 5098 341B39-5, "

3748 F6 2942 341A "

3749 F6 5099 342B39-1, Fortana x 81C

3750 F6 5099 342B39-2, "

3751 F6 5099 342B39-3, "

3752 F6 5100 343A39-1, Nira x Kameji

F6 5100	343B39-2	Nira x Kameji'	3753
		Uni, late, good Tall	1 sel
F6 5100	343A39-3,	"	3754
		Uni, late, good Tall	1 sel
F6 5100	343B39-4,	"	3755
F6 5100	343B39-5,	"	3756
	late, Uni, rather typical <i>pink</i> slacker than Rex, in shot, a longer grain type selected out,	<i>pink</i>	<i>late</i> 2 sel
F6 5100	343B39-6,	"	3757
F6 5100	343B39-7,	"	3758
	Rex mat, seg grain, V. good 0 shot.		<u>2 sel</u>
F6 5100	343B39-8,	"	3759
			1 sel
ASAHI,	<u>ck</u>		3760

3761

2 sub
Haw

for quality
Haw
Haw
Haw

F6 5100 343B39-9, Nira x Kom.

slip stream, BK med, Jap str

3762

F6 2948 343B37-4,

"

3763

F6 5701 344B39-1, Calorox Kameji

3764

F6 5101 344B39-2,

"

3765

F6 5101 344B39-3,

"

3766

F6 5701 344B39-4,

"

3767

F6 5701 344B39-5,

"

3768

Haw
only for
miller

F6 5701 344B39-6,

"

M-Prod

F6 5701 344B39-7, Caloro x Kameji 3769

F6 5701 344B39-8, " 3770

only for
with than
68

M. prel

Haw

F6 5701 344B39-9, " 3771

F6 5701 344B39-10, " 3772

F6 5701 344B39-11, " 3773

F6 5701 344B39-12, " 3774

F6 5102 345B39-1, 81C x Kameji 3775

Save, acc. H.O. Practically none 1 sel
Breeding time

F6 5102 345B39-2, " 3776

3777 F6 5102 345B39-3, 81C x K.

3778 F6 5102 345B39-4, "

3779 F6 5102 345B39-5, "

2 sel, acc HO result

3780 Acadia, ck

3781 F6 5103 346B39-1, Shoe. x Nit2

3782 F6 5103 346B39-2, "

3783 F6 5103 346B39-3, "

3784 F6 5103 346B39-4, "

3 sel
Haw for milking
Ruth. clump
last time
low milk
V. good
heavy
stiff
shalt
stem

F6 5703 346B39-5,	Shoemed x Nira	3785
F6 5703 346B39-6,	"	3786
F6 5703 346B39-7,	"	3787
F6 5703 346B39-8,	"	3788
F6 5703 346B39-9,	"	3789
<i>Booker fully in milk</i> <i>very dark shut real dub for milk</i> <i>Prep for milking</i>		2 pel Horn
F6 5703 346B39-10	"	3790
F6 5703 346B39-11,	"	3791
F6 5703 346B39-12,	"	3792

3793

F6 5103 346B39-13, Shoe. x Nira

3794

F6 5103 346B39-14,
v. little shot.

"

1 sel

3795

F6 5103 346B39-15,

"

3796

F6 5103 346B39-16,

"

2 sel
Have for
milling

~~good miller~~

~~no shot
earlier than Per~~

3797

F6 5103 346B39-17,

"

3798

F6 5103 346B39-18,

"

Have for milling

2 sel

~~poor
milling~~

~~Nira next
v. good~~

~~M. Per~~

3799

F6 5103 346B39-19,

"

3800

Fortuna, CK

F6 2955	347B37-4-1	Rexoro x Nira	3801
F6 2955	347B37-4-2,	"	3802
F6 5704	347B39-1,	"	3803
F6 5704	347B39-2,	"	3804
F6 5704	347B39-3,	"	3805
			1 sel
F6 5704	347B39-4,	"	3806
			<u>2 sel</u>
F6 5704	347B39-5,	"	3807
			2 sel
F6 5704	347B39-6,	"	3808
			1 sel

3809

F6 5104 347B39-7, Rex. x Nira

1 sel

3810

F6 5104 347B39-8,

"

3811

F6 5104 347B39-9,

"

3812

F6 5104 347B39-10,

"

2 sel

3813

F6 5104 347B39-11,

"

3814

F6 5104 347B39-12,

"

mudra

3815

F6 5104 ~~347~~ 347B39-13,

"

2 sel

Rex mat

3816

F6 5104 347B39-14,

"

F6 5704 347B39-15, Rexoro x Nira 3817

F6 5704 347B39-16, " 3818

F6 5704 347B39-17, " 3819
 v. good Rexoro type,
 v. little shot, *How for milk 3 sub*

Blue Rose, ck 3820

F6 5704 347B39-18, Rexoro x Nira 3821

poor milked texture Nira type + mat *Ham 1 setting*
 M - *red*

F6 5704 347B39-19, " 3822

F6 5704 347B39-20, " 3823

F6 5704 347B39-21, " 3824

3825	F6 5105	348 B 39-1, Caloro x Nira	Full Head
3826	F6 5105	348 B 39-2, 8/12	"
3827	F6 5105	348 B 39-3,	discard
		sl. later than BK V. good texture	
		smooth, med-grain, some clattering rather small grain	
3828	F6 5105	348 B 39-4,	"
3829	F6 5105	348 B 39-5,	"
3830	F6 5105	348 B 39-6,	"
		V. good, may be seg for arcopora. BK mod.	
3831	F6 5105	348 B 39-7,	"
		Similar to 3830	
3832	F6 5105	348 B 39-8,	"

F6 5705	348B39-9, Caloro x Nira	3833
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F6 5705	348B39-10, "	3834
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F6 5706	349B39-1, Nira x 8/C	3835
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F6 5706	349B39-2, "	3836
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F6 5707	3410B39-1, 8/C x Shoemed	3837
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F6 5707	3410B39-2, "	3838
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F6 5707	3410B39-3, "	3839
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Rexoro, <u>CK</u>	3840
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3841	F6 5108 3411B39-1, Shoe. x Cal.	
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3842	F6 5108 3411B39-2,	"
------	--------------------	---

3843	F6 5108 3411B39-3,	"
------	--------------------	---

1 sel

3844	F6 5108 3411B39-4,	"
------	--------------------	---

3845	F6 5108 3411B39-5,	"
------	--------------------	---

1 sel

3846	F6 5108 3411B39-6,	"
------	--------------------	---

1 sel

3847	F6 5108 3411B39-7,	"
------	--------------------	---

3848	F6 5108 3411B39-8,	"
------	--------------------	---

F6	5708	3411B39-9,	Shoemed x Caloro	3849
F6	5708	3411B39-10,	" BR types	3850 <u>3 sel</u>
F6	5708	3411B39-11,	"	3851
F6	5708	3411B39-12,	"	3852
F6	5708	3411B39-13,	"	3853 <u>1 sel</u>
F6	5708	3411B39-14,	"	3854 <u>4 sel</u>
F6	5709	3412B39-1,	Caloro x Rexoro	3855
F6	5709	3412B39-2,	"	3856

3857 F6 5709 3412B39-3, Calorox Rex

3858 F6 5109 3412B39-4, "

3859 F6 5109 3412B39-5, "

3860 Nira, ck

3861 F6 5109 3412B39-6, "

3862 F6 5109 3412B39-7, "

1 sel

3863 F6 5109 3412B39-8, "

None
long needed
gap
h-fred
mat, 1 good gap

3864 F6 5709 3412B39-9, "

F6	5709	34/2B39-10,	Caloro x Rexoro	3865
F6	5709	34/2B39-11,	"	3866 2 sels
F6	5709	34/2B39-12,	"	3867
F6	5709	34/2B39-13,	"	3868 2 sels sup. symmet
F6	5709	34/2B39-14,	"	3869 1 sel
F6	3322	342/A4-1-1	32/2 x Bl. Rose v. good plants.	3870 3 sels.
F6	3322	342/A4-1-2,	"	3871 4 sels
F6	3322	342/A4-1-3,	"	3872 2 sels

✓ 1939 Seed sown but row designation
in same as in 1938

3421A7-1

F4 - ~~BR~~ CI-32/2 BR

3873

F4 4925-X 1939 Crop grown from 2-yr
old seed which showed Ecol. germi-
nation, Sown

3874

F4 3421A7-2, "

3875

F4 3421A7-3, "

3876

F4 3421A7-4, "

3877

F4 3421A7-5, "

3878

F4 3421A7-6, "

3879

F4 3421A7-7, -

3880

C 28543, Ryker BR, CK

F4 ~~4925~~ 342/A7-8 ~~FA-Blue Rose~~ xCI 32/2. xBlue R 3881

F4 342/A7-9 " 3882

F4 342/A7-10, " 3883

F4 342/A7-11 " 3884

F4 ~~4937~~ 342/A8-1, " 3885
 Early row
 + on Co I-E

F4 342/A8-2, " " 3886

F4 342/A8-3, " sup E + M 3887
 + Co I-E

F4 342/A8-3, " 3888

- 3723B39-F1
F4 5083 (Colusa x Cubensis) x Blue Rose
- 3889 Phys. brownish type for Tullis.
(13 phys Br)
(5 normal)
- 3890 phys. brownish for Tullis 5083 3723B39-2, "
10 phys Br
12 normal 1 non-head plant.
- 3891 phys. brownish for Tullis 5083 3723B39-3, "
14 plants
6 phys Br.
8 normal
- 3892 phys. brownish for Tullis 5083 3723B39-4, "
19 plants
14 phys Br, (4 portulac)
5 normal
- 3893 phys. brownish for Tullis 5083 3723B39-5, "
15 plants
13 brown
2 normal
- 3894 phys. brownish for Tullis 5083 3723B39-6, "
24 plants
20 phys Br (4 portulac)
4 normal
- 3895 F4 5083 3723B39-7, F1 (Colusa x Cubensis) x B.R.
- 3896 F4 5083 3723B39-8, "

F4 5083 ^{3723B39-9,} F1 (Col. x Cubensis) x Bl. Rose 3897

F4 5083 3723B39-10, " 3898

F4 5083 3723B39-11, " 3899

Asahi CK 3900

F4 5083 3723B39-12, (F1 [Col. x Cub]) x Bl. Rose 3901

F4 5083 3723B39-13, " 3902

F4 5083 3723B39-14, " 3903

2 BRT_{10/16}

F4 5083 3723B39-15, " 3904

3905	F4 5083 3723B39-16	F1 (col x cub) x Bl. Rose.
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3906	3723B39-17,	"
------	-------------	---

3907	3723B39-18,	"
------	-------------	---

3908	3723B39-19,	"
------	-------------	---

seg. few cl. pl.

3909	3723B39-20,	"
------	-------------	---

3910	3723B39-21,	"
------	-------------	---

3911	3723B39-22,	"
------	-------------	---

3912	3723B39-23,	"
------	-------------	---

F45083 3723B39-24, Filcol. x cub.) x Blue Rose. 3913

3723B39-25 " Possible Tetra 3914

3723B39-26 " 3915

3723B39-27 " 3916

3723B39-28, " 3917

3723B39-29, " 3918

3723B39-30, " 3919

Acadia, ct 3920

3921

F4 5083

3723B39-31,

[F1(Col. x Cub.)
Blue^x Rose]

3922

3723B39-32,

"

3923

3723B39-33,

"

3924

3340 Blue Rose

3925

3340

Blue Rose.

fairly d for H O

3926

F4 3342

3724B38-3-1,

[F1(Col. x Cub.)
A]

3927

F4 5084

3724B39-1,

"

3928

3724B39-2,

"

F4, 5084	3724B39-3, F1(col x cub) x A	3929
	3724B39-4, "	3930
	3724B39-5, "	3931
	3724B39-6, "	3932
	3724B39-7, "	3933
	3724B39-8, "	3934
	3724B39-9, "	3935
	3724B39-10, "	3936

3937 F4 5084 3724B39-11, $\left(F_1(\text{col} \times \text{cub}) \right)$
A

3938 3724B39-12, "

3939 F4 3357 3725B38-5-1, $\left(F_1(\text{col} \times \text{cub}) \right)$
B

3940 Fortuna, ck.

3941 F4 3357 3725B38-5-2, "
3 plants
24 phy. Br.
9 normal

3942 F4 3357 3725B38-5-3, "
31 plants
21 phy. Br.
10 normal

3943 F4 3357 3725B38-5-4, "
40 plants
24 phy. Br.
16 normal

3944 F4 5085 3725B39-1, "

F4 5085	3725B39-2, $F_1(\text{col.} \times \text{cub.}) \times B$		3945
F4 5085	3725B39-3,	"	3946
" 5085	3725B39-4,	"	3947
" 5086	3726B39-1, $F_1(\text{col.} \times \text{cub.}) \times C$		3948
"	3726B39-2,	"	3949
"	3726B39-3,	"	3950
"	3726B39-4 (spreading) in 1939)	"	3951
"	3726B39-5,	"	3952

F4 5086 3726 B39-6 (F1 (col. x cub)
(spreading in 1939) $\hat{=}$

3726B34-7 "

3726B39-8, "

3726 B39-9, "

5086	3726B39-10,	"
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3384 3727B38-14-1, [F₁ (Col. x Cub)
Tex x Sunk]
Club type panicle

9 V. good plant in 1939	5087	3727B39-1	"
T-10 Very good No			

Blue Rose, C.K.

F45087	3727B39-2, F1 (col. x Aub.) x Tex. Unknown	3961
T-5 V. good HO	3727B39-3,	3962
	3727B39-4,	3963
	3727B39-5,	3964
5087	3727B39-6,	3965
2968	1039 roque (Fortuna x Red) alg	3966
2970	(Fortuna x Red)	3967
2970	"	3968

3969	2972	toque in 1936 (Fortuna x Red)	
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3970	2972	Roque in 1936 "	"
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3971	2972	1936 Red	"
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Have 2 sets of grain type for milling
quail
~~*hi-pre*~~
B406

3972	2972	1936 Roque	"
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3973	2972	1936 Roque	"
------	------	------------	---

3974	2972	1936 Roque	"
------	------	------------	---

3975	2972	1936 Roque	"
------	------	------------	---

3976	2973	1936 Roque	"
------	------	------------	---

Full
Hd

2974 1936 rogue Fortuna x Red. 3977

2974 " " 3978

2974 " " 3979

Rexoro, ck 3980

2974 1956 rogue Fortuna x Red. 3981

3270 Taman Nira 3982

3271 Taman Nira

sig for pub.

3 sub
22 a purple
mura 3983

3272 Taman Fortuna

1/2

Bunt
M3 sub
3984

Hv 1/3

4 sub

1.8 good
Kuro
Tupae

3985	3209	Full 2d CI-5399 Nat. Cross
3986	3209	"
3987	2106	BR Sel. (1937)
3988	2989	BR- S-15-1-2-1-1-1
3989	2989	BR- S-15-1-2-1-1-2
3990	2996	Imp. Bl. Rose (1936 Sel.) 8/25 Very good med - also in
3991	2996	9/2" longer than 3990 shatters badly B401
3992	2997	8/30

3991

Pro
Haw

3992

10/3 year
emulated
BR

Tull
Hd

3003 Imp. Bl. Rose, (1936 sel.) 3993

8/10

uni

~~2000~~2/ no Arcs - no develop this is a
promising early line (+4 on Arc)

3003 " 3994

8/11

Similar to 3993

3010 Bruinmissie, (1936 sel.) 3995

seg

3010 " 3996

seg

3010 " 3997

seg

3222 Bl. Rose S-15-1-2-1-1-2-1 3998

8/10

3224 Bl. Rose. (1935) 3999

Nira ck 4000

4001	3224	Bl. Rose (1935)	Full Hd
4002	3224	"	"
4003	3226	"	"
4004	3226	"	"
4005	3227	"	"
4006	3228	Imp Blue Rose (1936)	9/4
4007	3229	"	"
4008	3230	"	8/30

Full
Hed3230 Imp. Blue Rose (1936)
9/1

4009

3232 " 8/30

4010

3232 " 8/28

4011

3232 " 9/1

4012

3233 " 9/1

4013

3233 " 9/4

4014

3233 " 9/4

4015

3234 "

4016

Full
Hd

4017

3234 Imp. Blue Rose (1936)

4018

3235 sup Blue Rose (1936)
seg

4019

3236 Blue Rose (1936)
v. late

seg rough & smooth, v. good but
later than BK

4020

C2854-3, Ryker Blue Rose

4021

3236 ~~sup~~ Blue Rose, (1936)

~~very good~~
~~clear~~

v. late
good BK type but later than BK,
earlier than BK

4022

3236

"

seg.
Good, as early as BK, RR.
seg in Co + park, v. good types

4023

3237

"

9/15
v. good, BK, seg Run v. Sm.

4024

3237

"

seg

FE

3238	Blue Rose	Full hd (1936) seg	4025
3238	"	seg	4026
3239	"	seg	4027
3239	"	seg	4028
3240	(Blue Rose (1939) 7/10 smooth, v. good quality Bk type CO = +		4029 <u>Naw</u>
3242	Brain missie (1936) 9/20 seg gran, smooth CO = Q		4030 <u>Naw</u>
3242	"	9/20	4031
3242	"	9/10 smooth, seg gran	4032 <u>Naw</u> milling July

Too long
for BK

Broke
bulky
milling

4033

~~Some seed~~

Full
hd

3244 Brünmissie, (1936)

9/11

good BK types seg pale
seg grain

~~Have~~

for milling only

4034

3244

"

9/11

B403

~~Have for
milling only~~
All better
milling than
33

~~smooth, V good BK type~~

4035

3247

"

9/5

4036

3248

"

seg

4037

3254 ~~Seg~~ Blue Rose (1936)

4038

3258

"

(1936)

4039

3259

"

(?)

B402,

~~Have for
milling only~~
rough, V. good BK types
seg for seg

V. good milling
quality

4040

Asahi, 9/1

3262	Blue Rose	Full hd. (?) seg	4041
2965	Rexoro Roque	(1936) seg	4042
2967	"	"	4043
Vpon mulling fruit	Similar to BR in mat. Revere grain, asbestum		<u>Ham</u>
2967	"	" 9/8	4044
94	B2911A18-1-1, KxH	9/2	4045
94	"	" 9/2	4046
94	"	" 9/1	4047
95	B2912A42-2-1-2, Kx BR	seg	4048

			Full Head
4049	119	B321A2-3-2-2, RxD	
4050	119	"	
4051	119	" 1 Early plant	
4052	119	"	
4053	119	"	
4054	119	"	
4055	126	B2920A13-2-2-1-1-1, IBRvF 9/17	
4056	126	" 9/17	

200	B3714-1, BR	Full 2d 9/16	4057
200	B3714-2, BR	9/17	4058
200	B3714-3, BR	9/17	4059
Acadia,	CK	8/27	4060
200	B3714-4, BR	9/16	4061
200	B3714-5, BR	9/16	4062
200	B3714-6, BR	9/17	4063
200	B3714-7, BR	9/17	4064

4065

200 B3714-8, BR

Full
2d

9/17

4066

200 B3714-9, BR

9/17

4067

209 B2920A25-5-2-1-1, IBRYF

9/15

4068

209 B2920A25-5-2-1-1, "

9/15

4069

217 B323A3-1-1-1, RxsBR.

seg
EVL

4070

225 B3313A1-4, Rx1689

4071

225 B3313A1-4, "

4072

225 B3313A1-4, "

F5 4133	34A10-16-1,	Bl. Rose x 5309 9/17	4073
F5 4136	34A10-19-1,	" 9/12	4074
F5 4136	34A10-19-2,	" 9/12	4075
F5 4136	34A10-19-3,	" 9/9	4076
F5 4136	34A10-19-4,	" 9/8	4077
F5 4138	34A10-21-1,	" 9/10	4078
F5 4156	3421A1-1-1,	3212 x Blue Rose 9/11	4079
Fortuna,	<u>ck</u>	9/10	4080

				Full 7/18	
4081	F5	4156	3421A1-1-2,	3212x B.R.	
4082	F5	4156	3421A1-1-3,	"	
4083	F3	5008	379A1-56, (KxH)x(SPxSJ)	seg	
4084	F3	5008	379A1-57,	seg	"
4085	F3	5008	379A1-58,	seg	"
4086	F3	5008	379A1-59,	seg	"
4087	F3	5008	379A1-60,	seg	"
4088	F3	5008	379A1-61,	seg	"

F ₃ 5008	379A1-62, (KxH) x (S.P. x S.J.) seg	4089
F ₃ 5008	379A1-63, "	4090
F ₃ 5009	3710A1-1, (KxH) x Blue Rose 8/31	4091
F ₃ 5009	3710A1-2, " seg	4092
F ₃ 5009	3710A1-3, " Long grain Bk Very productive seg CO ₂ plant L-Plant Dark for mulling	4093
F ₃ 5009	3710A1-4, " 8/30 Some seg for grain length	4094
F ₃ 5009	3710A1-5, " 8/30 much seg for grain length good	4095
F ₃ 5009	3710A1-6, " 8/31	4096

4097

Horn
for milking~~Blue~~

F3 5009 3710A1-7, (KxH) x BR

Full
x d

Seg Co. V. good BR type

8/31

4098

F3 5009 3710A1-8, 9/1

"

CO = 0

4099

Horn
for milking~~Blue~~

F3 5009 3710A1-9, 9/1

"

CO = seg
V. good now

4100

Blue Rose, CT, 9/5

4101

F3 5009 3710A1-10, (KxH) x BR 9/1

CO = seg

4102

F3 5009 3710A1-11, 9/5 "

CO = seg

4103

F3 5009 3710A1-12, 9/5 "

CO = seg

4104

F3 5009 3710A1-13, 9/1 "

CO = seg

F ₃ 5009	3710 A1-14,	(KxH)x BR 9/1 CO = seg	4105
F ₃ 5009	3710 A1-15,	" 8/30 CO = 0 V. good. Heaver than SK, Haw send to ark?	4106
F ₃ 5009	3710 A1-16,	" 8/30 CO = seg	4107
F ₃ 5009	3710 A1-17,	" 8/30 CO = seg	4108
F ₃ 5009	3710 A1-18,	" 8/30	4109
F ₃ 5009	3710 A1-19,	" 8/30	4110
F ₃ 5009	3710 A1-20,	" 8/31	4111
F ₃ 5009	3710 A1-21,	" 8/30	4112

sel 5009 are
Rexoro, excellent

4113	F ₃	5009	3710A1-22, (KxH)xBR	Full 2nd 8/29
4114	F ₃	5009	3710A1-23,	" 9/8 seg Co. + grain length excellent BR type
4115	F ₃	5009	3710A1-24,	" 8/29 Co = 0
4116	F ₃	5009	3710A1-25,	" 9/7
4117	F ₃	5010	3711A2-24, (KxH)x(SPXSJ)	seg
4118	F ₃	5010	3711A2-25,	" seg
4119	F ₃	5010	3711A2-26,	" seg
4120			Rexoro, CK	

F ₃	5010	3711A2-27,	Full 72d (KxH) x (SPxSJ) seg	4121
F ₃	5010	3711A2-28,	seg	4122
F ₃	5010	3711A2-29,	seg	4123
F ₃	5010	3711A2-30,	seg	4124
F ₃	5010	3711A2-31,	9/1	4125
F ₃	5010	3711A2-32,	9/1	4126
			Ham Very poor quality	
F ₃	5011	3712A1-2,	(KxH) x BR. 8/27	4127
F ₃	5011	3712A1-3,	9/5"	4128

				Full hd
4129	F3	5011	3712A1-4, (KxH)x BR 9/4	
4130	F3	5011	3712A1-5, 9/2	"
4131	F3	5011	3712A1-6, 9/2	"
4132	F3	5011	3712A1-7, reg CO. V. heavy steel excl BP rather slow	"
4133	F3	5011	3712A1-8, 8/31	"
4134	F3	5011	3712A1-9, 9/3	"
4135	F3	5011	3712A1-10, reg for drying CO = 0 8/28 tendency poor grain type	"
4136	F3	5011	3712A1-11, 8/28	"

personal
marked
BR type

~~BR~~

reg CO.

CO = ++

F ₃ 5011 3712A1-12,	Full Ad (KxH) x BR. 8/30	4137
CO = rep good pl but dry grain		
F ₃ 5011 3712A1-13,	" 8/29	4138
F ₃ 5011 3712A1-14,	" 8/27	4139
Nira, <u>CK</u> ,		4140
F ₃ 5011 3712A1-15,	" 8/31	4141
F ₃ 5011 3712A1-16,	" 8/27	4142
F ₃ 5011 3712A1-17,	" 8/31	4143
F ₃ 5011 3712A1-18,	" 8/27	4144

most productive row

				Full Hd
4145	F ₃	50/1	37/2A1-19, (KxH)xBR 9/1	
			Co = 0	
4146	F ₃	50/1	37/2A1-20, 9/31	"
			Co = 0	
4147	F ₃	50/1	37/2A1-21, 8/28	"
			Co = 0	
4148	F ₃	50/1	37/2A1-22, 8/31	"
			Co = seg	
4149	F ₃	50/1	37/2A1-23, natural cross 8/28	"
4150	F ₃	50/1	37/2A1-24, 8/28	"
			Co = 0	
4151	F ₃	50/1	37/2A1-25, 8/31 sil for ascert grain type seg Co and leaf drying	"
4152	F ₃	50/8	37/5A6-13, F ₃ (35/2A)xSBR 1939 rogue seg Co = seg No = 10/seg/ same seg late plants	
			Very tall	

			Tall Hd		
F ₃ 5020	3715A8-1,	F(3512A) x SBR.			4153
			seg CO = seg HO = 10(seg)		
F ₃ 5021	3715A9-8,	"	9/12		4154
	Tall		CO = seg HO = 15(seg)		
F ₃ 5021	9-10,	"	9/12		4155
	Tall		CO = seg HO = 10		
F ₃ 5021	9-11,	"	9/12		4156
	Tall		CO = seg HO = 10		
F ₃ 5021	9-12,	"	9/12		4157
	Tall		CO = 0 HO 10		
F ₃ 5023	3715A12-6,	"	9/18		4158
	Tall		CO = seg HO = 10		
F ₃ 5023	12-7,	"	9/12		4159
			CO = seg HO = 20		
C2854-3,	Ryker Blue Rose,	ck	9/8		4160
			CO = 0 HO = 15		

4161	F ₃	SD 23	3715 A12-8, ^{Full} ^{7/12} [F ₁ (3512A) SBR]	"
			9/16 CO=0 HO=10 few with a trace (R ₁ section)	
4162	F ₃	SD 23	3715 A12-9, ^{9/11}	"
			CO=0 HO=10 (seq)	
4163	F ₃	SD 23	3715 A12-10, ^{9/12}	"
			CO=0 (few more here etc) HO=10	
4164	F ₃	SD 26	3715 A15-2, ^{9/12}	"
			CO=seq HO=10	
4165	F ₃	SD 26	3715 A15-3, ^{9/12}	"
			CO=seq HO=10	
4166	F ₃	SD 26	3715 A15-4, ^{9/12}	"
			CO=0 HO=20	
4167	F ₃	SD 26	3715 A15-5, ^{seq}	"
			CO=0 HO=20	
4168	F ₃	SD 26	3715 A15-6, ^{9/12}	"
			CO=0 HO=20	

Full
Ad

5026 3715A15-7, [F, (3512A) x SBR]

4169

9/12

CD = accy
H0 = 10

5030 3715A19-11,

8/31

"

4170

CD++

5030 19-12,

9/3

"

4171

CD++

5030 19-13,

8/29

"

4172

CD++

5030 19-14,

8/30

"

4173

CD = ++

5030 19-15,

8/29

"

4174

CD = ++

5030 19-16,

8/30

"

4175

CD = ++

5030 19-17,

8/28

"

4176

CD++

4177	SD30 3715A19-18,	Full 7/12 [F, (3512A)] SBR 8/29	
	CO = ++		
4178	SD30	19-19, 8/29	
	CO = ++		
4179	SD31 3715A20-10,	"	
	CO = reg HO = 15	8/31	
4180	Asahi,	<u>CR</u> 8/28	
4181	SD32 3715A21-1,	"	
	CO = reg HO = 10	9/10	
4182	SD32	21-2, 9/10	"
	CO = 0 HO = 10		
4183	SD34 3715A23-4,	"	
	CO = reg HO = 10	9/14	
4184	SD35 3715A24-8,	"	
	CO = 0 HO = 10	9/14	

Tail

5035	3715A 24-9, [F ₁ (3512A) x SBR.	Gull 2d seg	CO = 0 HO = 15	4185
5035	24-10,	9/2	CO = seg HO = 15	4186
5035	24-11,	seg	CO = seg HO = 10	4187
5035	24-12,	9/10	CO = seg HO = 15	4188
	Tall			
5039	3715A 28-1,	9/3 seg	CO = seg HO = 10-15	4189
	V. good row: some rather late plants Excellent quality			
5046	3715A 36-1,	9/1	CO = seg HO = 15 fair	4190
	shorter straw than adj rows			
5046	36-2,	8/29	CO = 0 HO = fair (10) blotch apr	4191
	shorter straw than adj rows			
5046	36-3,	8/31	CO = 0 HO = large apr blotch	4192
	Tall			

4193 5046 3715 A36-4 Full Hd [F, (3512A) SBR] 9/1

CO = reg
HO = (reg) 20
Tall

4194 5046 36-5, 8/30 "

CO = reg
HO = 7 air (20)
Tall

4195 5046 36-6, 8/30 "

CO = reg
HO = good (15)
Tall

4196 5046 36-7, 8/30 "

CO = reg
HO = reg (15)
Tall

4197 5046 36-8, 8/30 "

CO = 0
HO = light

4198 25345 25345 (SPXSSJ) X moria
ark motus
HO 25
CO TW

4199 25181 meclulin x zenith
50
5

4200 acadio
25
5

ark
no

25396

aikoku x Edith

10

5; plup. ✓

~~4201~~
4201

25101

6355 x Zenith

4202

20

55

25143

•

do

4203

30

th

Black

25275

•

Maha Aikoku x Shamed

4204

20

Bl

th (seg)

25322

•

do

4205

10

th

25044

6873 x Shamed

4206

same for leaf 5 feet

40/10

Bl (resistant reaction) seg

25045

•

do

4207

25

th

25050

•

do

4208

30

Bl S

th

4209 25054 6873 x Shoem-d

25054

4210 21444 Meshibu x SBR.

40
0

4211 21446 "

40
0

4212 21448 "

40
5

4213 21450 "

40
0

4214 21461 "

20
0

4215 21118 Akaho x SBR.

20
0

4216 21130 do

20
0

21136	Akaho x S. B. R.	4217
	20 0	
21191	"	4218
	20 0	
21196	"	4219
	15 0	
Blue Rose,	<u>ck</u>	4220
	30 10	
21200	Akaho x S. B. R.	4221
	20 0	
21253	"	4222
	20 0	
21257	"	4223
	25 0	
21288	"	4224
	30 0	

4225	21300	akaho x SPR	35 0	7/27
4226	21323	do	20 0	
4227	21325	do	25 0	
4228	21339	do	25 0	
4229	21347	do	30 0	8/28
4230	21348	do	20 0	9/1
4231	21376	do	25 0	8/30
4232	21389		35 0	9/2

22712 akaho x SBR
 8/20
 35
 0

4233

22723 Entyloma
 do
 8/27
 30
 0

4234

only - 2-28-14, 81C x Shamed
 8/12

4235

2-17-3-5 D x 81C
 8/28
 20
 10
 (R)

4236

F3 BR x 3212 (Bmt)

4237

F3
 mtd
 type

do.

4238

Harmer
 BR mature

Bmt
 2356 B338B3919, [F, (R15947) x 7482]
 8/30

4239

5079 B314A8-2-2-4, S.P. x S.J.
 8/27

4240

4241

2362 B338B3920, [F₁(R_X5947) x 7482]7 cell
24
9/31

4242

2376 B3312B3921, 7689 x Delitus

9/2

4243

2382 B3312B3922,

9/1

"

4244

2388 B3314B3923, 7689 x Colusa

4245

2453 B3314 A3927,

"

4246

~~Unknown hybrid from 1939 spec~~
~~29/1A18-1-1, all from 1939 specimen name~~

2a a

CO = 0

No = 10

4247

Calo from California
Row 2874 (C17) Diseased

Space Lawn Blocks

5001	good types present	233	321B,	Rexoro x Dolitus
5002	few fairly good types	234	322B,	Rexoro x Fort.
5003	many ^{good} gold hull Bk types, except for a few.	235	323B,	Rexoro x Sap. Bl. R.
5004	poor	240	3310B,	7689 x Edith
5005	only fair	$\frac{241}{A}$	3313B,	R. x 7689
5006	only fair	$\frac{241}{C}$	3313B,	R. x 7689
5007	only fair	242	3318B,	7689 x Fortuna
5008	good	243	341A1,	Caloro x Fortuna

343A1, Nira x Kameji 245 5009

Fairly good

346A1, Shoemed x Nira 248 5010

good, several sets made which, although very little heavy straw, clean. Had to watch closely to get good qual.

347A1, Rexoro x Nira 249 5011

V. good, clean stiff straw, exal qual.

348A1, Caloro x Nira 250 5012

good, plants rather tall

3410A3, 81C x Shoemed 252 5013

Poor

3411A2, Shoemed x Caloro 253 5014

Vigorous growth, mostly short grain. very few of clean qual.

3412A2, Caloro x Rexoro 254 5015

only fair, shatters, not equal to R. Kameji grain too small.

3414A1, Delitus x TS-7190 256 5016

- | | | |
|--------------------|--------|---|
| 5017 | 257 | 3415 A1, Kameji x TS-7190 |
| 5018 | 258 | 3416 A1, Nira x TS-7190 |
| 5019 | 259 | 3417 A1, TS-7190 x Rexoto |
| 5020 | 260 | 11-Variety Composite |
| 5021 ^{F3} | 3723 B | F1(col. x Cub.) x Blue Rose (1938 Seed) |
| 5022 ^{F3} | 3724 B | F1(col. x Cub.) x Var. A (1938 Seed) |
| 5023 ^{F3} | 3725 B | F1(col. x Cub.) x Var. B (1938 Seed) |
| 5024 ^{F3} | 3726 B | F1(col. x Cub.) x Var. C. (1938 Seed) |

F3 3727B $Fi(col. \times Cub) \times Tex. Unknown$ (1938 Seed) 5025

F2 379A2 $(K \times H) \times (S.P. \times S.J.)$
 $B2911A18-1A \times B314A8-2-2-4$ 5026

379A3 " 5027

379A4 " 5028

379A6 " 5029

379A7 " 5030

379A8 " 5031

F2 3711A2 $(K \times H) \times (S.P. \times S.J.)$
 $B2911A18-1-1B \times B314A8-2-2-4$ 5032

1-11

F2 6

5033 F2 3711A3 (KxH) (SP x S.J.)
2911A18-1-1B x B314A8-2-2-4

5034 F2 3711A4 "

5035 F2 3711A5 "

5036 F2 3711A9 "

5037 F2 3715A4 F1 (SP x SS) x SBR.
(3512A) x S. Blue Rose

5038 F2 3715A8 "

5039 F2 3715A12 "

V. good grain & in this pop

5040 F2 3715A14 "

3715A 12 and 21

F₂ 3715A21 F₁ [(SPxSS) x SBR] x SBR 5041

✓ good grain types in this pop

F₂ 3715A31 " 5042

F₂ 3715A35 " 5043

sucklings definitely more vigorous than adjacent rows shortly after emergence.

20 kg Red & White seed lost.

F₂ 3715A38 " 5044

F₂ 3719A4 6011 x Stoken 5045

F₂ 3719A7 6011 x Stoken ? 5046

F₃ 38-5216-1, (B314A8-2-3-1 x SBR) 5047

226 normal 19

95 grassy 8

F₃ 38-5216-4, " 5048

167 normal 24

59 grassy 4

6 577 +

- 5049 F₃ 38-5216-8, (314A8-2-3-1 x SBR)
 156 normal 21 }
 48 grassy 7 }
- 5050 F₃ 38-5216-14, " 70H+
- 5051 F₃ 38-5216-21, " 70H+
- 5052 F₂ (38110B)
 F₁ (Shoe. x EP) x F₁ (Caloro x Calady) bulk F₁ plants 15-26
- 5053 F₂ (385B)
 Blue Rose x F₁ (Caloro x Calady) (Bulk of Single
 Panicles of all plants.)
- 5054 F₂^{384A1} Blue Rose x Lady Wright, pl-1
- 5055 F₂ 384A2 " pl-2
- 5056 F₂ 384A3, pl-3

F2 384A4 Blue Rose x Lady Wright, pl-4 5057

F2 381A1 Blue Rose x Zenith pl-1 5058

F2 381A2, " pl-2 5059

F2 383A1 Blue Rose x CI-4440 pl-1 5060

F2 383A2, " pl-2 5061

F2 383A3, " pl-3 5062

²⁷³⁴
 (SPRS) x SBR
 F2 (~~3512A1~~) x AL-11 (bulk of several F1's) 5063
 3813B

³⁶²²
 (L x 4700)
 F2 (~~3510A2~~) x (1645 x 5309) bulk of several F1's 5064
 3817B

3622 x 2734
5065 F2 3820B, (L x 4700) x (SP x SJ) x SBR bulk of several F1s

3371 x 2734
5066 F2 3823B, (283A2-3 x 7143) x (SP x SJ) x SBR "

2734 x 3609
5067 F2 3814B [(SP x S.J.) x SBR] x [283A2-3 x 4700] "

3822 x 2735
5068 F2 3811B (1645 x 5309) x (S.P. x S.J.) x SBR "

3622 x 3371
5069 F2 3821B [Lator x 4700] x [283A2-3 x 7143] "

3371 x 3822
5070 F2 3824B [283A2-3 x 7143] x [1645 x 5309] "

5071 Request from disease composite
in 1939, thought to be F1 d, Bulk of single
population about 30 plants

5072 39-7209
3 more

Mammoth Long
from Cox Farms, Arkansas
2 rows.

5073

Pexro, colch.
12+ rows.

5074

Caloro - Colchucine
8+ rows.

5075

Caloro - colch
abnormal plant

5076

Caloro - colch
abnormal plant.

5077

Relative survival expt.
Space Sown mixture

5078

Relative survival expt.
Variety combinations

5079

Relative survival expt

5080

Drilled mix ture 8-rows

5081 B2913A29-1-1 pure Seed
& some,

~~5082~~

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5104



Repl- #1

		Plot No.	Dates		Full Ripe
			Heading		
			1st	Full	
1	Lady Wright, CK		7/27	8/5	8/27
	N 100-Sulph/AM		7/26	8/4	8/27
	K 100-Super	1	7/27	8/5	8/27
	N+K	2	7/28	8/4	8/27
Blue Rose,			8/30	9/6	9/26
N			8/30	9/6	9/26
K			8/30	9/6	9/26
N+K			8/30	9/6	9/26
Early Prolific,			7/29	8/8	8/30
N			7/28	8/8	8/30
K			7/30	8/8	8/30
N+K			7/29	8/6	8/30
Fortuna,			8/19	8/30	9/19
N			8/21	8/30	9/16
K			8/19	8/30	9/21
N+K			8/21	8/30	9/19
Delitus,			8/10	8/23	9/6
N			8/10	8/23	9/6
K			8/10	8/23	9/6
N+K			8/8	8/23	9/6
Rexoro,			9/14	9/26	10/18
N			9/12	9/26	10/20
K			9/14	9/26	10/20
N+K			9/13	9/25	10/19
Caloro			8/4	8/15	9/6
N			8/4	8/16	9/6
K			8/3	8/17	9/6
N+K			8/4	8/15	9/6

Plant
Ht. (in.)

40

41

40

8 ft. plot

40

8 ft. plot

34

38

39

36

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Repl- #2

		Plot No	Dates		Full Ripe
			Heading		
			1st	Full	
1	Lady Wright, CK		7/30	8/7	8/28
	N 100-Sulph/MM		7/28	8/8	8/28
	K 100-Super		7/29	8/10	8/29
	N+K		7/29	8/9	8/28
	Blue Rose, O		8/23	9/1	9/25
	N		8/23	9/1	9/25
	K		8/23	9/1	9/25
	N+K		8/23	9.1	9/25
	Early Prolific, O		7/28	8/7	8/29
	N		7/27	8/5	8/29
	K		7/27	8/6	8/29
	N+K		7/27	8/6	8/29
	Fortuna, O	Serafin Delitus	8/2	8/20	9/6
	N		8/7	8/19	9/6
	K		8/2	8/20	9/6
	N+K		8/8	8/20	9/6
	Delitus, O		8/8	8/19	9/6
	N		8/6	8/19	9/6
	K		8/6	8/19	9/6
	N+K		8/7	8/19	9/6
	Rexoro, O		9/14	9/25	10/19
	N		9/15	9/24	10/18
	K		9/12	9/26	10/18
	N+K		9/13	9/26	10/18
	Caloro O		8/4	8/15	9/7
	N		8/3	8/14	9/7
	K		8/3	8/14	9/7
	N+K		8/2	8/13	9/7

Soybean Delitus

P/ant
Ht. (in.)

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Repl. #4

	Plot No.	DATES		
		Heading		Full Ripe
		1st	Full	
Lady Wright, CK		7/29	8/7	8/27
	N 100-Sulph. AM	7/27	8/7	8/28
	K 100-Super	7/29	8/9	8/28
	N+K	7/30	8/9	8/29
Blue Rose,	O	8/27	9/4	9/25
	N	8/24	9/4	9/25
	K	8/27	9/4	9/25
	N+K	8/26	9/4	9/25
Early Prolific,	O	7/27	8/8	8/29
	N	7/26	8/7	8/28
	K	7/28	8/9	9/2
	N+K	7/27	8/7	8/26
Fortuna,	O	8/17	8/29	9/16
	N	8/17	8/29	9/16
	K	8/18	8/30	9/16
	N+K	8/17	8/29	9/16
Delitus,	O	8/5	8/15	9/7
	N	8/4	8/14	9/6
	K	8/5	8/19	9/8
	N+K	8/7	8/30	9/10
Rexoro,	O	9/14	9/25	10/17
	N	9/14	9/25	10/17
	K	9/16	9/30	10/22
	N+K	9/16	9/27	10/19
Caloro	O	8/4	8/14	9/6
	N	8/3	8/14	9/6
	K	8/5	8/17	9/6
	N+K	8/4	8/15	9/3

$$\begin{array}{r} 28 \\ 3 \\ \hline 89 \end{array}$$

Plant
Ht (in.)

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Repl. #5

Plot No.	DATES		
	Heading		Full Ripe
	1st	Full	
1/24	7/24	8/5	8/24
1/24	7/22	8/4	8/24
1/23	7/23	8/4	8/26
1/22	7/22	8/4	8/26
	8/27	9/2	9/27
	8/26	9/2	9/27
	8/27	9/2	9/27
	8/26	9/2	9/27
	7/28	8/6	8/29
	7/27	8/6	8/29
	7/29	8/6	9/1
	7/28	8/6	8/29
	8/15	8/27	9/10
	8/15	8/24	9/9
	8/14	8/27	9/10
	8/14	8/27	9/9
	8/8	8/10	8/30
	7/29	8/10	8/29
	8/1	8/10	9/1
	8/11	8/10	8/29
	9/15	9/25	10/17
	9/15	9/25	10/17
	9/16	9/28	10/19
	9/16	9/28	10/19
	7/28	7/8	9/1
	7/30	8/9	9/1
	7/30	8/8	9/1
	7/29	8/7	8/29

Plant
Ht (in.)

43

44

45

46

grad av

W
35

36 - 40 38

36 - 44 40

33 - 40 36

34 - 42 ~~38~~

av

36 - 50 43

40 - 53 46

38 - 53 45

40 - 47 43

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Repl. #6

6
DATES

		Plot No.	Heading		Full Ripe
			1st	Full	
1	Lady Wright, CK		7/29	8/3	8/28
	N 100-Sulph. Am.	114	7/25	8/3	8/26
1	K 100-Super		7/29	8/3	8/30
	N+K	114	7/29	8/2	8/27
	Blue Rose, O		8/27	7/5	9/27
	N		8/25	7/4	9/27
	K		8/28	7/5	9/27
	N+K		8/25	7/4	9/27
	Early Prolific, O	164	7/29	8/7	8/28
	N		7/29	8/6	8/27
	K		7/28	8/8	8/29
	N+K		7/28	8/6	8/28
	Fortuna, O		8/18	8/27	9/12
	N		8/18	8/26	9/11
	K		8/18	8/28	9/12
	N+K		8/17	8/26	9/10
	Delitus, O		8/3	8/20	9/4
	N		7/31	8/19	9/3
	K		8/2	8/29	9/7
	N+K		8/1	8/20	9/3
	Rexoro, O		9/14	9/26	10/18
	N		9/14	9/24	10/16
	K		9/15	9/26	10/20
	N+K		9/15	9/25	10/20
	Caloro, O		8/2	8/17	9/3
	N		7/31	8/15	9/2
	K		8/2	8/18	9/3
	N+K		7/30	8/15	9/1

$$\begin{array}{r} 28 \\ 6 \\ \hline 158 \end{array}$$

Plant
Ht. (in)

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Repl #7

7
DATES

	Plot No.	Heading		Full Ripe
		1st	Full	
Lady Wreight, CK		7/26	8/5	8/27
N 100-Sulph. AM		7/23	8/5	8/26
K 100-Super		7/23	8/5	8/26
N+K		7/24	8/5	8/26
Blue Rose, O		8/20	8/29	9/24
N		8/19	8/29	9/24
K		8/19	8/29	9/24
N+K		8/20	8/28	9/24
Early Prolific, O		7/28	8/5	8/29
N		7/25	8/4	8/29
K		7/27	8/6	8/29
N+K		7/27	8/4	8/29
Fortuna, O		8/16	8/25	9/9
N		8/16	8/24	9/8
K		8/17	8/25	9/10
N+K		8/15	8/25	9/8
Delitus, O		8/1	8/9	8/29
N		7/29	8/9	8/30
K		8/1	8/9	8/30
N+K		7/29	8/10	8/31
Rexoro, O		9/12	9/23	10/15
N		9/10	9/21	10/13
K		9/13	9/25	10/15
N+K		9/14	9/24	10/14
Caloro O		7/30	8/8	9/3
N		8/1	8/9	9/3
K		8/2	8/8	9/3
N+K		7/29	8/8	9/3

Plant
Ht. (in.)

43

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Repl. #8

8
DATES

		Plot No.	Heading		
			1st	Full	Full Ripe
1	Lady Wright, CK		7/24	8/4	8/27
	N 100-Sulph. H ₂ O		7/24	8/4	8/27
1	K 100-Super		7/23	8/4	8/27
	N+K		7/22	8/4	8/29
	Blue Rose, O	224	8/20	8/27	9/26
	N		8/18	8/26	9/26
	K		8/19	8/26	9/26
	N+K		8/19	8/24	9/26
	Early Prolific, O		7/27	8/4	8/29
	N		7/25	8/5	8/28
	K		7/26	8/6	8/30
	N+K		7/25	8/4	8/27
	Fortuna, O		8/15	8/24	9/10
	N		8/16	8/24	9/9
	K		8/16	8/26	9/10
	N+K		8/16	8/25	9/9
	Delitus, O		8/1	8/8	8/28
	N		7/30	8/9	8/28
	K		8/1	8/8	8/29
	N+K		7/31	8/9	8/29
	Rexoro, O		9/14	9/24	10/18
	N		9/12	9/24	10/18
	K		9/15	9/24	10/17
	N+K		9/14	9/24	10/17
	Caloro O		7/30	8/8	9/3
	N		7/30	8/8	9/3
	K		7/30	8/8	9/3
	N+K	7	7/29	8/8	9/3

Plant
Ht. (in.)

47

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44

47

NW

EP

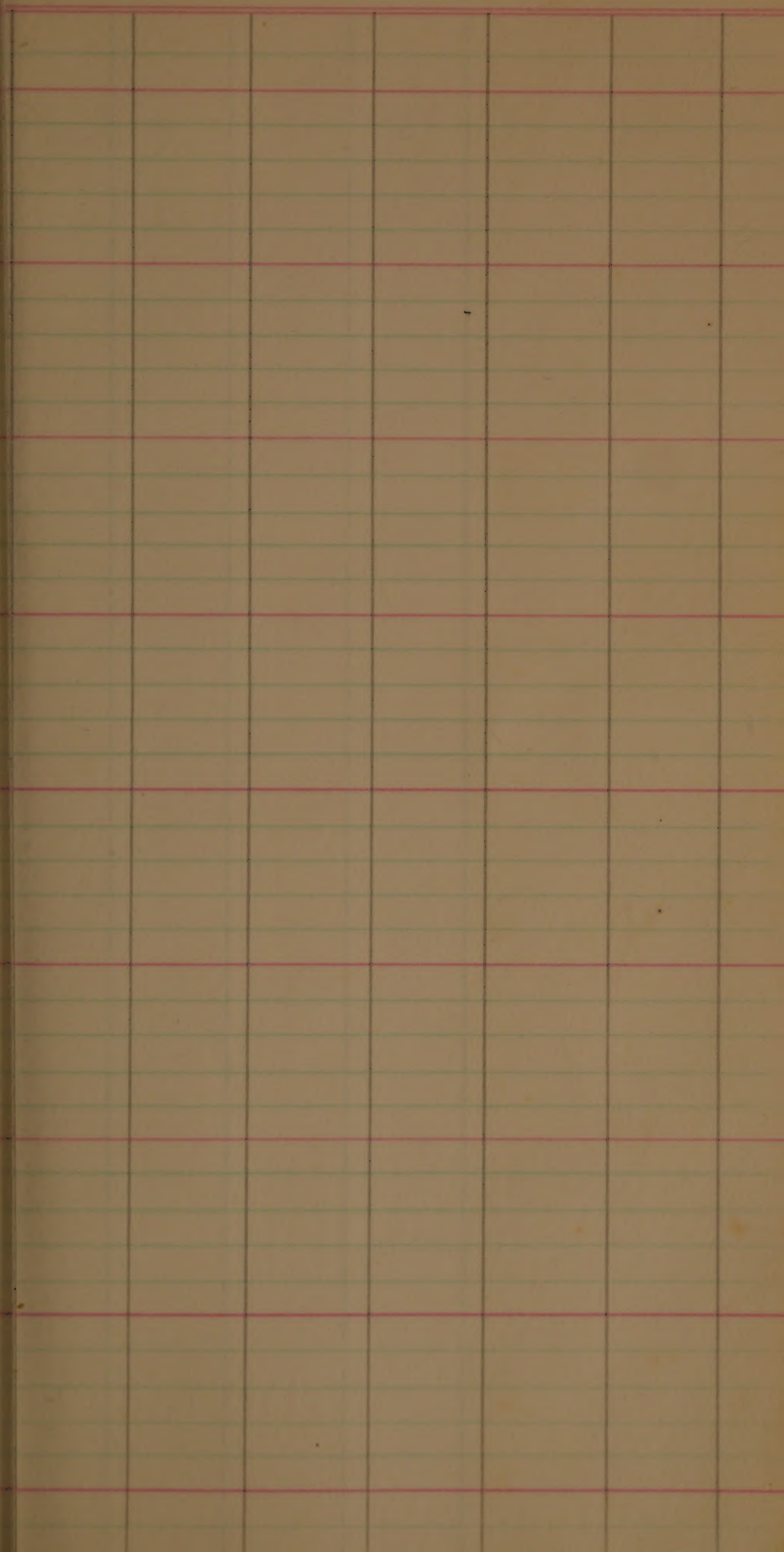
Calno

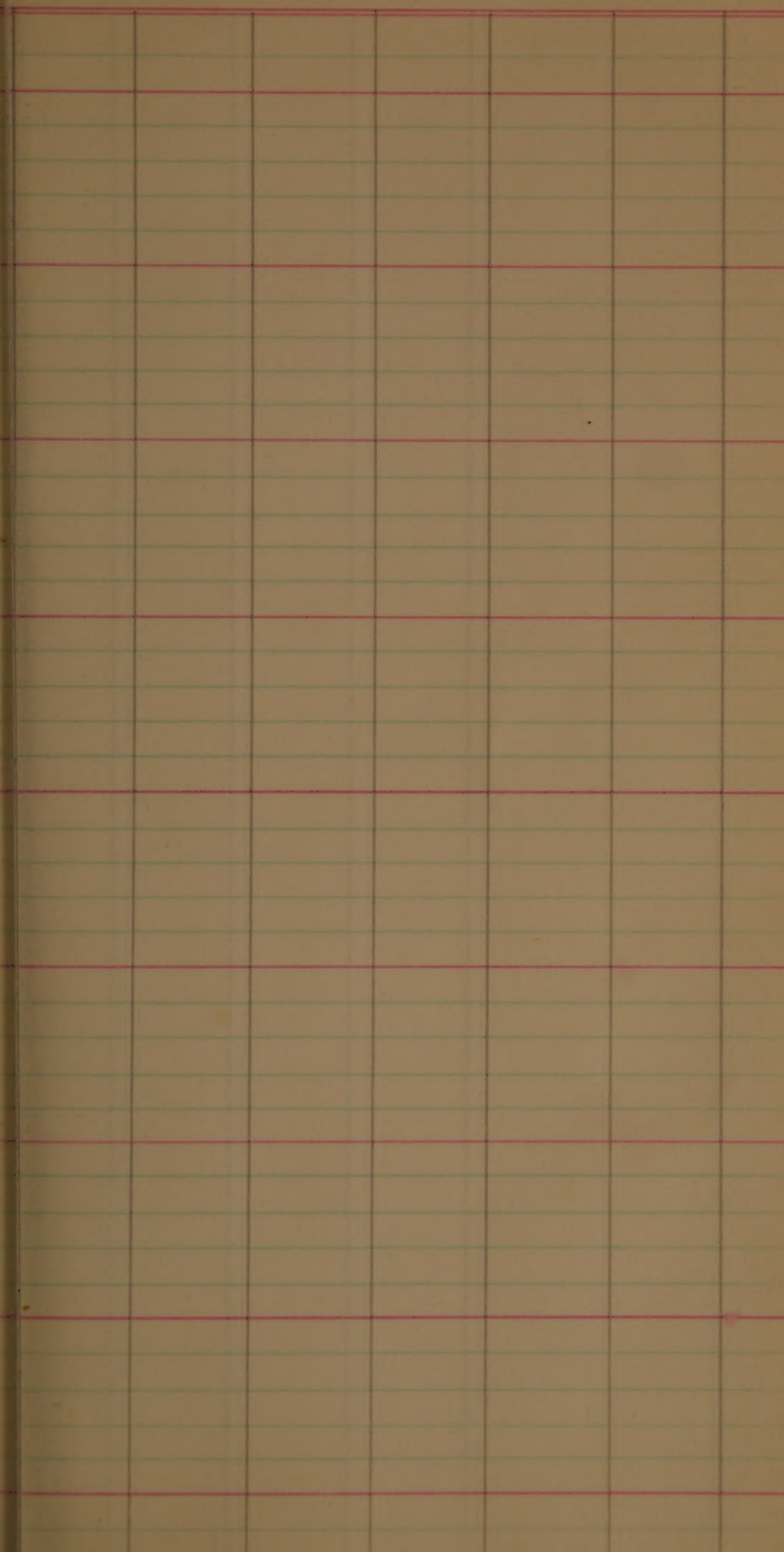
Delin

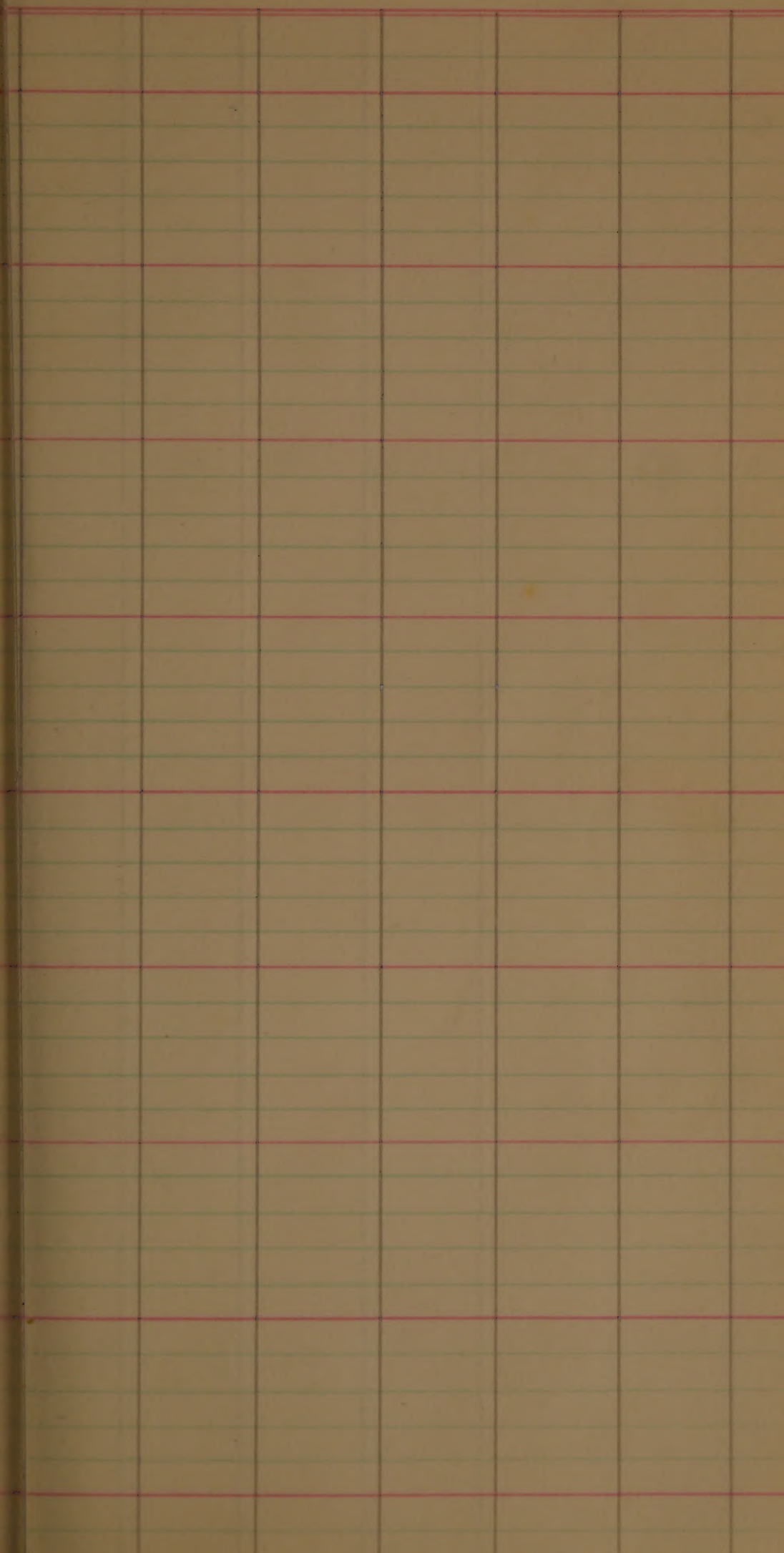
Fort

BR

Rex







H0.

Emerging 1st -
full -

March 18, 1918

8/3

8/18

9/5
50

0 AK-11-2-3-1C, Sx F

H0 = 15 (taken 7/16/40)

1 B2913A29-1-1-1, Co x BR

30

7/8

7/24

8/12

2 v early plants on 7/11 harder 41/100

2 B2917A29-2-2-1-1, BR x CG

30

7/23

8/3

8/20
49

3 B3214, E P

20

7/14

7/26

8/17
48

2 v. early plants on 7/9

4 B3710, GUININTO

30

7/19

7/28

8/15
45

5 AK-5-1C, I x BR

25

7/17

7/27

8/15
48

6 C2913A5-1-3, Co x BR.

25

7/8

7/23

8/15
43

7 B323A5-8-1-1-1, R x SBR (7/9) (8/17) 7/28

25

8/21
46

SPACE SOWN IN ROWS 18" Apart

Emerg. (1st: april 23
(full: april 29

APRIL 15

8/19	7/1	9/22	52
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7/29 2 plants	8/10	9/1	42
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8/6	8/19	9/6	47
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7/30	8/10	9/3	47
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7/30	8/11	9/2	46
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8/1	8/12	9/4	45
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7/28	8/6	9/1	42
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7/30	8/10	9/6	45
------	------	-----	----

H0.

1st - May 13

Full - May 17

May 6.

0 AL-11-2-3-1C, 50 8/29 9/7 10/1
H0 = 15 (taken 7/16)

1 B2913A29-1-1-1, C 41 8/1 8/12 9/6
30

2 B2917A29-2-2-1-1 48 8/16 8/27 9/12
30

3 B3214, EP 41 8/10 8/20 9/13
20

4 B3710, GUININT 46 8/12 8/20 9/13
30

5 AL-5-1C, IxBR 47 8/14 8/27 9/14
25

6 C2913A5-1-3, C 39 8/8 8/18 9/6
25

7 B323A5-8-1-1-1 42 8/13 8/24 9/15
25

1st - May 26

Full - May 31

May 17

46 9/12 9/18 10/13

1st - June 13

Full - June 18

June 7

9/20 9/27 10/21

31 8/15 8/20 9/18

8/27 9/3 10/1

42 8/26 9/3 9/24

9/9 9/18 10/9

43 8/24 9/2 9/24

9/5 9/14 10/8

42 8/25 9/5 9/25

9/5 9/14 10/9

42 8/26 9/5 9/26

9/9 9/18 10/10

36 8/11 8/19 9/14

8/28 9/2 10/1

42 8/19 8/28 9/18

9/1 9/11 10/8

H.O.

8 C2920A41-2-2, IBRXF

25

few very

March-18

March 18

M

7/4

7/27

8/12

early plants on 7/4

45

9 Zenith

30

7/20

7/29

8/15

46

10 Colusa

25

7/3

7/20

8/10

45

11 Lady Wright

30

7/14

7/26

8/16

46

12 Edith

25

7/19

7/31

8/18

51

13 C283A3-6-2, EXF

25

7/19

7/30

8/16

49

14 B283A2-5-2, EXF

25

7/25

8/2

8/19

52

15 B283A3-4-5, EXF

20

7/24

8/4

8/26

53

APR 11-15

JUNE 7

41	7/30	8/6	8/27	42	9/4	9/12	10/6
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38	7/30	8/12	8/30	43	9/5	9/13	10/7
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~~11/11~~

35	7/27	8/4	8/28	43	8/26	9/3	9/25
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38	7/30	8/9	8/30	45	9/4	9/14	10/5
----	------	-----	------	----	-----	------	------

39	7/30	8/11	8/31	46	9/5	9/14	10/5
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38	8/3	8/12	8/31	47	9/5	9/14	10/6
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41	8/5	8/19	9/3	47	9/9	9/17	10/9
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38	8/12	8/24	9/8	48	9/14	9/22	10/13
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March 18

16	C283A9-6-1-2, EXF 25	7/23	8/3	8/26 53
17	B283A2-1-2-1, EXF 25	7/20	8/3	8/19 55
18	S283A9-6-1-1, EXF 20	7/17	7/28	8/5 52
19	B283A2-7-6, EXF 20	7/23	8/5	8/20 52
20	B2916A12-2-1, EX BR 25	7/19	7/30	8/19 49
21	S2920A17-4-4-9-1, IBR XF 25	7/9	seq 7/26	8/27 52
22	S2920A32-5-5-6-7, IBR XF 25	7/9	seq 7/27	8/25 48
23	Shoemed 25	7/23	8/6	8/25 50

APT 11-15

40	8/9	8/20	7/6	45
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41	8/6	8/17	9/4	47
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38	7/31	8/12	9/1	44
----	------	------	-----	----

40	8/6	8/16	9/7	44
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37	7/29	8/10	8/30	46
----	------	------	------	----

40	7/27	8/8	9/4	47
----	------	-----	-----	----

40	7/30	8/9	9/1	46
----	------	-----	-----	----

39	8/10	8/18	9/9	46
----	------	------	-----	----

May 6

16	C283A9-6-1-2, E. 25	45	8/19	8/30	9/17
17	B283A2-1-2-1, E. 25	40	8/25	9/3	9/14
18	S283A9-6-1-1, E. 20	44	8/17	8/28	9/13
19	B283A2-7-6, EX 20	46	8/23	9/2	9/20
20	B2916A12-2-1, 25	42	8/16	8/26	9/14
21	S2920A17-4-4-9- 25	47	8/9	8/24	9/20
22	S2920A32-5-5- 25	43	8/16	8/30 avg	9/20
23	Shoemed 25	48	8/26	9/5	9/26

May 17

June 7

8/31	9/6	9/26		9/10	9/20	10/10
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8/30	9/5	9/24		9/12	9/21	10/14
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8/27	9/3	9/25		9/9	9/19	10/9
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8/31	9/6	9/29		9/12	9/19	10/11
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8/19	8/30	9/23		9/5	9/14	10/8
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8/21	9/4	9/30		9/1	9/15	10/11
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8/30	9/7	9/30		9/1	9/15	10/11
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9/4	9/15	10/6		9/14	9/25	10/18
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March - 18

24	Caloro 20	7/9(Prim) 7/25	8/3	8/26 45
25	Haya Ozeki 20	Prim 7/14 7/26	8/6	8/28 37
26	Calady; Cal-100 25	7/23	8/9	9/2 46
27	Acadia 25	7/30	8/15	9/8 45
28	B2912A13-2-2-1-1, KxBR 30	7/28	8/15	9/5 48
29	B2912A47-1-1-1-1, KxBR 30	7/23 seq	8/13	9/17 47
30	C2914A6-3-), CAxBR 40	7/27	8/13	9/5 48
31	S2914A18-3-8-13, CAxBR 30	7/23 seq	8/11-	9/6 48

April - 15

36	7/30	8/12	7/3	42
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32	8/4	8/14	9/5	39
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29	8/10	8/19	9/12	42
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38	8/14	8/24	9/14	42
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38	8/12	8/20	9/13	44
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40	8/7	8/19	9/10	43
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42	8/11	8/20	9/12	44
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40	8/9	8/17	9/13	43
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May 6

24	Caloro 20	40	8/14	8/24	9/12
25	Haya Ozeki 20	32	8/14	8/26	9/13
26	Calady; Cal-100 25	43	8/19	8/27	9/21
27	Acadia 25	44	8/28	9/5	9/25
28	B2912A13-2-2-1 30	44	8/19	8/31	9/22
29	B2912A47-1-1-1 30	47	8/22	9/1	9/23
30	C2914A6-3-), CA 40	46	8/23	9/2	9/25
31	S2914A18-3-8-13, 30	47	8/27	9/5	9/26

May 17

June 7

8/24 8/28 9/22

8/30 9/5 9/30

8/23 8/28 9/22

8/30 9/6 9/29

8/26 9/2 9/28

8/30 9/6 9/30

8/28 9/5 9/28

9/4 9/13 10/3

8/27 9/3 9/25

9/1 9/10 10/3

8/26 9/4 9/25

8/30 9/9 10/5

8/30 9/5 9/27

9/1 9/12 10/3

8/29 9/5 9/29

9/5 9/13 10/5

March-18

32	B3173-1, CAxLW 25	7/29 7/20 prim	8/11	9/4 46
33	NIRA 35	8/2	8/25	9/7 56
34	Fortuna 30	7/31	8/18	9/2 50
35	B283A96-1-2-1-1, EXF 30	8/1	8/15	9/2 52
36	B322A2-3-2, RxF 25	7/30	8/13	9/1 48
37	B283A3-5-4-1-1, EXF 30	7/26	8/5	8/27 54
38	B283A9-3-2-1-1-1, EXF 20	7/30	8/13	9/1 51
39	AL-5-30, IxBR 25	7/22	8/6	9/4 48

APR 11 - 15

40	8/10	8/20	9/10	42
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50	8/18	8/30	9/18	51
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47	8/16	8/27	9/16	48
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44	8/21	9/1	9/21	48
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43	8/18	8/27	9/16	46
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Very promising in all series
uniform, good straw
better body.

42	8/5	8/19	9/1	48
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45	8/22	9/1	9/21	46
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42	8/5	8/27	9/23	46
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very

FEEDING,

		March	May 6	April
32	B3173-1, CA x LW 25	43	8/25	9/2 9/24
33	NIRA 35		9/2	9/13 10/5
34	Fortuna 30		8/30	9/11 10/1
35	B283A96-1-2-1 30		8/29	9/10 10/1
36	B322A2-3-2, 1 25		8/27	9/6 9/25
37	B283A3-5-4-1 30		8/24	9/5 9/21
38	B283A9-3-2-1-1-1 20		9/3	9/14 10/3
39	AL-5-30, Ix 25		8/24	9/1 9/26

Single space Sown Rows, 18" Apart

May 67

~~May 67~~

June 7

8/29 9/5 9/29

9/2 9/11 10/3

9/10 9/19 10/12

9/26 10/4 10/25

9/7 9/17 10/10

9/22 10/2 10/23

9/11 9/20 10/10

9/23 10/1 10/23

9/6 9/14 10/4

9/23 10/1 10/27

9/3 9/11 9/29

9/14 9/24 10/16

9/5 9/19 10/9

9/24 10/4 10/26

8/27 9/6 10/2

9/12 1/23 10/16

March - 18

40 S2920A42-6-1, IBrxF 25	7/26	8/11	8/30 50
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41 Delitus 25	7/25	8/6	8/28 54
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42 B321A2-8-2-1, RxD 30	7/27	8/8	8/31 49
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43 C2136-1-10, NxD 35	8/4	8/19	9/2 55
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44 C321A3-22, RxD 35	7/27	8/6	9/1 52
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45 C322A6-18, RxF 30	7/27	8/8	8/28 47
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46 C322A6-24, RxF 25	8/2	8/15	9/2 47
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47 B3313A1-16-2, Rx7689 30	7/30	8/12	8/30 49
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APR 1 - 15

June 7

March - 18

40	S2920A42-6-1, IBRxF 25	7/26	8/11	8/30 50
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41	Delitus 25	7/25	8/6	8/28 54
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42	B321A2-8-2-1, RxD 30	7/27	8/8	8/31 49
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43	C213b-1-10, NxD 35	8/4	8/17	9/2 55
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44	C321A3-22, RxD 35	7/27	8/6	9/1 52
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45	C322A6-18, RxF 30	7/27	8/8	8/28 47
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46	C322A6-24, RxF 25	8/2	8/15	9/2 47
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47	B3313A1-16-2, Rx7689 30	7/30	8/12	8/30 49
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April - 15

43	8/7	8/24	9/10	46
	leg			
44	8/6	8/23	9/10	51
43	8/14	8/27	9/14	47
49	8/19	8/31	9/22	54
46	8/12	8/24	9/13	48
44	8/15	8/27	9/12	45
44	8/18	8/30	9/15	45
	less leaf drying than 6-18			
45	8/17	8/28	9/14	45
	Very stiff straw in all series + much			

May 6

40 S2920A42-6-1,
25

8/26

9/3

9/26

41 Delitus
25

8/23

9/3

9/25

42 B321A2-8-2
30

8/26

9/5

9/26

43 C2136-1-10, N
35

9/1

9/13

10/1

44 C321A3-22, K
35

8/27

9/6

9/26

45 C322A6-18, K
30

8/30

9/5

9/28

46 C322A6-24, K
25

9/1

9/9

9/29

47 B3313A1-16-
30

9/1

9/8

9/26

May 17

June 7

81

9/4 9/12 10/2

9/12 9/23 10/15

9/3 9/13 10/3

9/16 9/26 10/16

9/4 9/14 10/1

9/21 9/30 10/15

9/4 9/15 9/8

9/22 10/4 10/23

9/1 9/11 10/1

9/15 9/28 10/20

9/2 9/12 10/1

9/18 9/30 10/20

9/4 9/13 10/3

9/21 10/5 10/25

9/2 9/11 9/30

9/17 10/3 10/20

March-18

48	B322A4-2-3-1, RxF 30	7/26	8/6	8/29 50
49	B378, Latex 30	7/26	8/5	8/29 49
50	B323A2-8-2-1, RxSBR 30	7/26	8/5	8/30 50
51	B3313A1-16-1, 7 30	7/29	8/7	8/29 48
52	Blue Rose 35	8/5	8/20	9/14 51
53	CI.5548 30	8/17	8/27	9/19 48
54	C2854-3, Ryker BR 35	8/15	8/19	9/14 50
55	B2911A18-1-1, Latex 30	8/2	8/20	9/13 51

APRIL - 15

June 7

48	8/16	8/28	9/11	47	9/17	9/30	10/20
46	8/14	8/26	9/13	43	9/20	10/2	10/23
46	8/6	8/20	9/11	42	9/12	9/24	10/13
47	8/16	8/27	9/12	42	9/19	10/2	10/22
43	8/25	9/2	9/27	47	9/7	9/16	10/9
31	8/30	9/6	10/2	41	9/10	9/18	10/12
43	8/26	9/3	9/27	46	9/7	9/16	10/9
41	8/25	9/3	9/24	45	9/5	9/13	10/7

March-18

56	B2912A42-2-1-2, KxBR 35	8/1 1st on 7/27	9/18 51	9/13 0
57	C2912A10-1, KxBR 35 semi spreading type	7/27	8/17 51	9/10
58	S2912A9-2-8-1, KxBR 20	7/31	8/14 49	9/9
59	S2912A34-2-1-3, KxBR 30	7/25	8/8 50	9/5
60	C2913A24-1, COxBR 25 odd plant (rolled leaf)	7/27	8/11 44 3rd from north end	9/5
61	B2913A31-2-1-4, COxBR 25	7/27	8/10 51	9/5
62	B2914A36-4-1-1, CAxBR 25	7/30 reg	8/17 47	9/7
63	ASAHI 25	7/27	8/14 40	9/6

April-15

43	8/25	9/2	9/26	50
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44	8/12	8/27	9/18	49
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40	8/14	8/24	9/16	42
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43	8/10	8/19	9/14	44
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36	8/17	8/28	9/15	42
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46	8/17	8/27	9/20	49
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41	8/18	8/28	9/20	46
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36	8/17	8/28	9/20	38
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May 6

56	B2912A42-2-1- 35	8/31	9/6	9/29
57	C2912A10-1 K. 35 same	8/28	9/4	9/26
58	S2912A9-2-8-1, 20	8/27	9/4	9/27
59	S2912A34-2-1-3, 30	8/19	8/30	9/22
60	C2913A24-1, Co. 25 add plant/roll	8/28	9/5	9/25
61	B2913A31-2-1-4, 25	8/27	9/3	9/27
62	B2914A36-4-1-1, 25	8/28	9/5	9/25
63	ASAHI. 25	9/1	9/7	10/2

May 17

June 7

8/31 9/6 10/11

9/5 9/13 10/7

8/30 9/5 9/29

9/4 9/12 10/9

8/27 9/3 9/30

9/2 9/11 10/6

8/29 9/4 10/1

9/3 9/11 10/6

8/28 9/4 9/30

9/5 9/13 10/8

8/28 9/3 9/30

9/4 9/12 10/6

8/31 9/6 10/11

9/6 9/12 10/9

9/3 9/10 10/2

9/4 9/12 10/9

March-18

64	Rexoto 25	8/18	8/30 52	9/25 9/29
65	B3313A1-4, Rx7689 20	8/17	8/27 50	9/19
66	C321A4-11-2, Rx D 15	8/10 Too full	8/24 53	9/21
67	B324A1-8-2-1, Rx5094 15	8/13	8/24 51	9/14
68	3I-13-1-3, BRx(BRxR) 25	8/12	8/23 47	9/17
69	B321A2-5-1-1-1, Rx D 15	8/13	8/27 49	9/18

APR 11 - 15

43 9/6 9/18 10/12

44 8/30 9/12 10/3

51 8/29 9/10 10/8

47 8/27 9/8 9/27

41 8/30 9/10 9/30

45 9/1 9/15 10/6

lacker 7 324A1-2-2-1

May 6

12
70
52

64	Rexoto 25	9/17	9/27	10/22
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65	B3313A1-4, R 20	9/11	9/18	10/15
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66	C321A4-11-2, R 15	9/10	9/24	10/19
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67	B324A1-8-2-1, R 15	9/6	9/18	9/9
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68	3I-13-1-3, BRx(B) 25	9/4	9/14	9/6
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69	B321A2-5-1-1-1, 15	9/11	9/23	10/13
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May 17

June 7

87

9/22 10/4 10/30

10/9 10/21 11/12

9/20 9/30 10/25

10/4 10/20 11/11

9/20 9/29 10/26

10/1 10/15 11/12

9/14 9/24 10/20

10/1 10/15 11/5

9/8 9/17 10/10

9/11 9/20 10/12

9/18 10/1 10/23

10/4 11/20 11/10

Seed for Visible Seed

1940 No	1936 no	C.I. No. or Name
6001	6001	Sel-31115, Co XLW
6002	6008	Dischler
6003	6009	B3217, Guininto
6004	6010	Guininto
6005 ✓	6011	CI-1546
6006	6012	Edith
6007	6015	Edith
6008	6018	Latex
6009 ✓	6019	B283A3-6, EXF
6010	6022	B283A2-8-9, EXF
6011	6023	B283A2-3, EXF
6012	6024	B283A1-2-3, EXF
6013 ✓	6025	Storm Proof
6014	6026	Mortgage Lifter
6015	6027	Vintula
6016	6034	Carolina Gold.

1936

1940

✓

No. 8, TS-7190

6037

6017

Good quality

B283A3-4 EXF 6058

6018

B283A 3-7-5," 6059

6019

B283A 2-10-2," 6061

6020

✓

B283A 5-12 EXF 6062

6021

B283A 5-11, EXF 6064

6022

Aikoku 6501

6023

Sel-31123, Cox ^W 6502

6024

✓

Sel-3140-1 6503
CAxLW

6025

Sel-314, CAxLW 6504

6026

B322S, S. Proof 6509

6027

B3224, S. Proof 6510

6028

✓

Sel-3229 6511

6029

Sel-3228 6512

6030

like proof

B323, Edith 6516

6031

E.P. Sel. 6517
T.S. 2198

6032

1940	1936 no	CT No. or Name	
✓ 6033	6518	B3216, E.B.R.	
6034	6519	B3212, E.P.	
6035	6520	B3218, E.P.	<i>Best in the average group EP</i>
6036	6522	Early Prolific	
✓ 6037	6533	B291A3-1-1, ExCA	
6038	6534	B291A11-2-1, ExCA.	
6039	6536	B294A5-5-1, BxE	
6040	6537	B295A9-1-1, ExK	
6041	6540	B2916A2-1-1, ExBR.	
6042	6541	B2916A3-2-1, ExBR	
6043	6543	B2916A5-2-1, "	
6044	6544	B2916A7-1-1, "	
✓ 6045	6545	B2916A7-1-2, "	
6046	6546	B2916A7-2-2, "	
6047	6548	B2916A8-3-1, "	
6048	6550	B2916A9-1-1, "	

B2916A9-2-1 EXBR	6551	6049
B2916A9-6-1, "	6552	6050
B2916A10-1		
B2916A10-4-2, "	6553	6051
B2916A14-1-1, "	6555	6052
B2916A15-3-1, "	6557	6053
B2916A16-1-1, "	6558	6054
B2916A17-3-1, "	6559	6055
B2916A18-2-1, "	6560	6056
B2916A25-2-1, "	6562	6057
B2916A25-2-2, "	6564	6058
B2916A28-4-2, "	6565	6059
B2916A28-4-4, "	6566	6060
B2916A28-5-5, "	6567	6061
B2916A31-5-2, "	6568	6062
B2917A27-1-2, BR ₁₆	6569	6063
B2918A4-1-1, BRxD	6572	6064

		Name & Number	
✓ 6065	6578	B2919A11-1-1, HxBR	
6066	6579	B2919A12-1-1, HxBR	
6067	6581	B2919A19-1-1, "	
6068	6593	B283A1-4-5, EXF	
✓ 6069	6595	B283A2-4-1, "	
6070	6596	B283A2-4-5, "	
6071	6597	B283A2-5-4, "	
6072	6600	B283A2-6-2, "	
✓ 6073	6601	B283A2-7-1, "	
6074	6602	B283A2-7-3, "	
6075	6604	B283A2-8-5, "	
6076	6606	B283A2-8-7, "	
✓ 6077	6608	B283A2-9-4, "	
6078	6609	B283A2-9-6, "	
6079	6610	B283A2-9-8, "	
6080	6613	B283A3-2-1, "	

✓ B283A3-2-5, EXF 6614 6081

B283A3-3-4, " 6615 6082

B283A3-4-5, " 6617 6083

B283A3-5-1, " 6618 6084

✓ B283A3-5-5, " 6620 6085

B283A3-5-8, " 6621 6086

B283A3-6-3, " 6623 6087

B283A3-7-3, " 6624 6088

✓ B283A5-6-1-1, " 6628 6089

B298A8-2-1, COXH 6656 6090

B2910A20-3-2, DXCA 6660 6091

243A5-8, 6701 6092

B3195, COXLW 6702 6093

B31128, COXLW 6703 6094

B31130 COXLW 6704 6095

B31119 COXLW 6705 6096

1936

no

- | | | |
|------|------|-------------------------|
| 6097 | 6706 | B3/88, CA x HW |
| 6098 | 6708 | B3/12, |
| 6099 | 6709 | B3/92, |
| 6100 | 6720 | CI-3025 |
| 6101 | 6724 | Naglampas |
| 6102 | 6725 | Butte |
| 6103 | 6726 | B324, Kinaryon |
| 6104 | 6727 | B341, EP |
| 6105 | 6729 | CI-7132 |
| 6106 | 6730 | B291A3-1-2, ExCA |
| 6107 | 6731 | B293A1-1-1, Ax E |
| 6108 | 6732 | B293A1-2-1, " |
| 6109 | 6733 | B293A2-12-2, " |
| 6110 | 6736 | B2913A29-1-1-1, CO x BR |
| 6111 | 6737 | B2916A7-3-1-1, Ex BR |
| 6112 | 6740 | B2916A12-1-1-1, " |

✓	B2919A13-3-1-1, HxBR	6759	6113
	B283A2-1-2-1-1, EXF	6765	6114
	B283A2-2-2-1-1, "	6766	6115
	B283A2-4-3-1-1, "	6767	6116
✓	B283A2-9-4-1-1, "	6769	6117
	B283A3-2-7-1-1, "	6771	6118
	B283A3-3-4-1-1, "	6772	6119
	B283A3-5-8-1-1, "	6774	6120
	B283A6-6-1-1-1, "	6789	6121
	B325, Naguyon	6797	6122
	CI-5581	6877	6123
	<i>no plants</i> CI-6304	6878	6124
✓	CI-6346	6879	6125
	CI-6355	6880	6126
	CI-6363	6881	6127
	CI-6421	6882	6128

6129	6882	CI-6421	
6130	6883	CI-6426	plants
6131	6884	CI- 6884	6430
6132	6885	CI-6434	
6133	6886	CI-6435	
6134	6887	CI-6526	
6135	6888	CI-6568	
6136	6889	CI-6606	
6137	6890	CI-6812	
6138	6891	CI-6856	
6139	6892	CI-6873	
6140	6893	CI-6880	
6141	6894	CI-6944	
6142	6895	CI-7358	apaho
6143	6897	Inyo Benkei	no plants
6144	6899	CI-6723	no plants

CT-5403-2, (Dwarf)	6927	6145
no plants Spain Jap	6929	6146
E. Wright, CT-7702	6933	6147
CT-2457	6934	6148
3625A (glut)	6939	6149
no plants Asahi Mochi	6940	6150
no plants CT-5309	6941	6151
Southern Red	6944	6152
Black-hull, Red	6945	6153
	6945	6154
B2912A6, KxBR	6043	6155
B2912A33, "	6044	6156
241A(Pl) 31-2,	6046	6157
B31143,	6047	6158
CT-4440	6055	6159
B31165-1, Jintaro	6066	6160

6161	6505	B3169-1,	
6162	6506	B3210,	
6163	6508	B3211,	
6164	6530	Tamosari-218-1-8-2,	
6165	6531	Kameji	
6166	6538	B295A18-2-2, ExK	
6167	6539	B295A18-2-3,	"
6168	6631	B31155-1,	
6169	6634	CI-2732	
6170	6635	CI-4294	
6171	6636	CI-2632	
6172	6637	CI-3937	
6173	6638	CI-3880	
6174	6639	CI-4714	
6175	6651	B3177, CAxhW	
6176	6655	B299A7-2-1, AxE	

B298A19-1-1, Cox H	6657	6177
B298A20-3-1, "	6658	6178
B2911A2-2-3, KxH	6662	6179
B2914A3-1-1, CAxBR	6670	6180
B2914A4-1-1, "	6671	6181
B2914A19-4-1, "	6673	6182
B2914A33-3-1, "	6674	6183
B2914A33-4-1, "	6676	6184
B2917A19-5-1, BRxCG	6677	6185
B2917A30-1-1, "	6679	6186
B2918A27-3-1, BRxD	6681	6187
B327, Kobo-onq-	6684	6188
B283A5-1-4-1-1, EXF	6775	6189
B283A5-1-5-1-1, "	6776	6190
B283A5-2-6-1-1, "	6778	6191
B283A5-3-4-1-1, "	6779	6192

- | | | |
|-------|------|-------------------------|
| ✓6193 | 6780 | B283A5-3-12-1-1, EXF |
| 6194 | 6781 | B283A5-4-2-1-1, " |
| 6195 | 6782 | B283A5-8-2-1-1, " |
| 6196 | 6783 | B283A5-9-8-1-1, " |
| ✓6197 | 6785 | B283A5-10-6-2-1, " |
| 6198 | 6786 | B283A5-11-1-1-1, " |
| 6199 | 6787 | B283A6-1-7-1-1, " |
| 6200 | 6788 | B283A6-2-8-1-1, " |
| ✓6201 | 6790 | B283A10-1-9-1-1, " |
| 6202 | 6792 | B31148, |
| 6203 | 6793 | B31141, |
| 6204 | 6795 | B3175, |
| ✓6205 | 6796 | Sel-2189(Aust.) |
| 6206 | 6799 | B326, Piniling Daniel |
| 6207 | 6800 | Piniling Daniel |
| 6208 | 6824 | B2914A/4-2-1-1, CA x BR |

	CI-7414	6836	6209
no plants	CI- ⁶²⁴⁸ 5949	6946	6210
1/2 seed from mother	CI-6993	6948	6211
no plants	CI-6744	6949	6212
	CI-6121-3	6950	✓6213
	CI-5398	6951	6214
	CI-5173	6952	6215
	CI-6756	6955	6216
	CI-6757	6956	✓6217
	CI-6792	6957	6218
	CI-6793	6958	6219
	CI-6807	6959	6220
	CI-6808	6960	✓6221
	CI-7051	6961	6222
	CI-7224	6962	6223
	CI-7225	6963	6224

1936

no

✓ 6225 6964 CI-7253

6226 6965 CI-7338

6227 6966 CI-6796

6228 6073 Waterbune
start of lotus

✓ 6229 6075 Omachi

6230 6078 Shinriki

6231 6080 Imp. Blue Rose

6232 6089 Tokalon

✓ 6233 6097 CI-3212

6234 6644 Tamazari-218-7

6235 6646 CI-5661 cer. res.

6236 6648 CI-5661-1

✓ 6237 6664 B2912A6-4-2, KxBR

6238 6665 B2912A12-1-1, KxBR

6239 6666 B2912A28-1-1, KxBR

6240 6667 B2912A42-2-1, KxBR

*good
milk
plant*

B2913A29-4-1, Co x BR	6669	✓ 6241
B2914A9-3-2, CA x BR	6672	6242
B2918A29-1-1, BR x D	6683	6243
Bruinmissie	6687	6244
Imp. Blue Rose	6688	✓ 6245
B3221-Tinuco	6690	6246
B3219, Sup. Blue Rose	6691	6247
B3220, Sup. Blue Rose	6692	6248
B B2916A35-1-1-1, Ex BR	6751	✓ 6249
B2916A37-2-1-1, "	6752	6250
B2912A7-2-2-1, K x BR	6807	6251
B2912A11-1-1, "	6808	6252
B2912A19-2-1-1, "	6809	✓ 6253
B2912A20-4-1-1, "	6810	6254
B2912A23-1-1-1, "	6811	6255
B2912A35-1-2-1, "	6813	6256

6257✓	6815	B2913A3-1-1-1	
6258	6816	B2913A6-3-2-2, CoxBR	
6259	6821	B2913A31-3-1-1,	"
6260	6823	B2914A11-1-1-1, CAXBR	
6261✓	6825	B2914A17-1-1-1,	"
6262	6827	B2914A22-3-2-1,	"
6263	6828	B2914A27-1-1-1,	"
6264	6829	B2914A36-4-1-1,	" <i>graduated</i>
6265✓	6841	CI-7357	
6266	6846	CI-5399	
6267	6850	B283A10-3-1-1-2, ExF	
6268	6851	B283A10-3-6-1-1,	"
6269✓	6853	B291A19-3-3-1, ExCA	
6270	6855	B295A18-1-1-1, ExK	
6271	6856	B297A11-2-1-1, CoxD	
6272	6857	B297A21-1-1-1, CoxD	

B299A10-1-1-1, CAxH	6858	✓ 6273
B2911A41-1-1-1, KxH	6860	6274
B2920A9-9-1-1, IBRxH	6863	6275
B323A3-5-3, RxsBR	6864	6276
CI-4074	6937	✓ 6277
	1937 no.	
Sup. Blue Rose	37-078	6278
Bujen-ho	368	6279
CI-1265	370	6280
LW-11	371	✓ 6281
Sup. Blue Rose	372	6282
CI-5390	380	6283
Wanica	381	6284
CI-1726	382	✓ 6285
CI-2971	385	6286
CI-193	Can res. 387	6287
CI-5374	" " 390	6288

1937
noFull
No

6289✓ 391 CI-3337 in ves.

6290 392 CI 2733-1 " "

6291 394 CI-6018

6292 395 CI-5947

6293✓ 397 CI-6011

6294 398 CI-2962 in ves.

6295 CI 7143

8/31

6296 Blue Rose (9 1/2 lbs head fruit)
(from original pl) 39 Crop.

6297 " 4.8 lbs

6298 " 3 1/2 "

6299 F3, BR x 3212 8/16

6300 Row 91 Blue Rose Sel (not type) 9/12
(orig for red type)

6301 94 B2911A18-1-1, K x H 9/4

6302 102 C2913A24-1, Co x BR 9/1

6303 215 B323A3-13-1-1-1, R x SBR

6304 217 B323A3-1-1-1

Prob. a semi dwarf mutant from BK		
Smooth type from BK, Home, Tex		6305
Do a Dwarf. Blue Rogue		1 sel
rogue (BK mat, long grain & good)		6306
		2 sel
3339	add (dub panicle, highly sterile)	6307
		1 sel
2902	add. rock mountain	6308
BK sel, late		6309
Late rogue, possibly from a CI 4011 cross.		6310
3428, rolled leaf.	1 s	(6311)
		1 sel
63038	plant maturing in sheath	6312
BK type	was a normal in 1940	2 sel
	also with BK material, seg 60.	
2183	add. (Fortuna & Edick)	6313
		1 sel
Roxo Colch, 16H	add (Transpl)	6314
	Black	1 sel
		361
Fortuna Colch, late plant. var		6315
	normal Fortuna in 1940	
4127	sterile	6316
4127	sterile	6317
4134	sterile	6318
3845	sterile (1938 var.)	6319
4131	sterile	6320

- 6321 9- Chrom Fortune
- 6322 3136 sterile short stature, broad base
1st set Highly sterile in 1940
- 6323 add plant from 314A8-2-2-4
- 6324 376A1 add 72 plant, maybe
1st small cr with SPXST x BK
- 6325 do
- 6326 3409 seed from plant 39-3409
grown in greenhouse
- 6327 3428 Rolled leaf
1st set
- 6328 pollen parent cross 398A (B39/RK)
- 6329 CT-6011 parent 6011 cross on 5309
1st set
- 6330 3406 Grassy
1st set
- 6331 38-5216-17
- 6332 38-5216-25
- 6333 F2, 3810A1 F1(S x EP) x F1(Caloro x Calady)
- 6334 3810A2 "
- 6335 3810A3 "
- 6336 3810A5

F ₂ 3810A6,	F ₁ (S x EP) x (Caloro x Calady)	6 sel	6337
3810A7	"	4 sel	6338
3810A8	"	6 sel	6339
3810A9	"	4 sel	6340
3810A10	"	5 sel	6341
3810A11	"	11.0	6342
3810A12	"	3 sel	6343
3810A15	"	3 sel	6344
3810A16,	"	4 sel	6345
3810A17,	"	5 sel	6346
386A4	F ₁ (D x R) x ^{F₁} (Calady x Blue Rose)		6347
386A6	"		6348
386A3	"		6349
386A5	"		6350
386A7	"		6351
386A1	"		6352

- 6353 *Moyle (D x R) x (Calady x BR)*
 F1 (D x R) x Calady pl-2
- 6354 do pl-3
- 6355 do pl-4
- 6356 do pl-5
- 6357 3825A1 F1 [Coloro x B.R.] x F1 [Cahoro x Calady]
- 6358 38-3822 (1645 x 5309)
- 6359 F3 38/2A1-1 [1645 x 5309] x AH-11.
 3822 x AH-11
- 6360 F3 38/2A1-2 "

F3	[1645 x 5309] x AL-11 3822 x AL-11	3812A1-3	6361
F3	"	3812A1-4	6362
F3	"	3812A1-5	6363
F3	"	3812A1-6	6364
F3	"	3812A1-7	6365
F3	[(S.P. x S.J.) x SBR] x AL-11 2734 x AL-11	3813A1	6366
F3	[Latex x 4700] x [1645 x 5309] 3622 x 3822	3817A1	6367
F3	[283A2-3 x 7143] x [(S.P. x S.J.) x S.B.R.] 3371 x 2734	3823A1-1	6368
	"	3823A1-2	6369
	"	3823A1-3	6370
	"	3823A1-4	6371
	"	3823A1-5	6372
	"	3823A1-6	6373
	"	3823A1-7	6374
	[(S.P. x S.J.) x SBR] x [283A2-3 x 4700] 2734 x 3609	3814A1-1	6375
	do	3814A1-2	6376

6377 F3 3814A1-3 [(S.P.XS.J) x SBR] x [283A2-3 x 4700]

6378 3814A1-4 "

6379 3814A1-5 "

6380 3814A1-6 "

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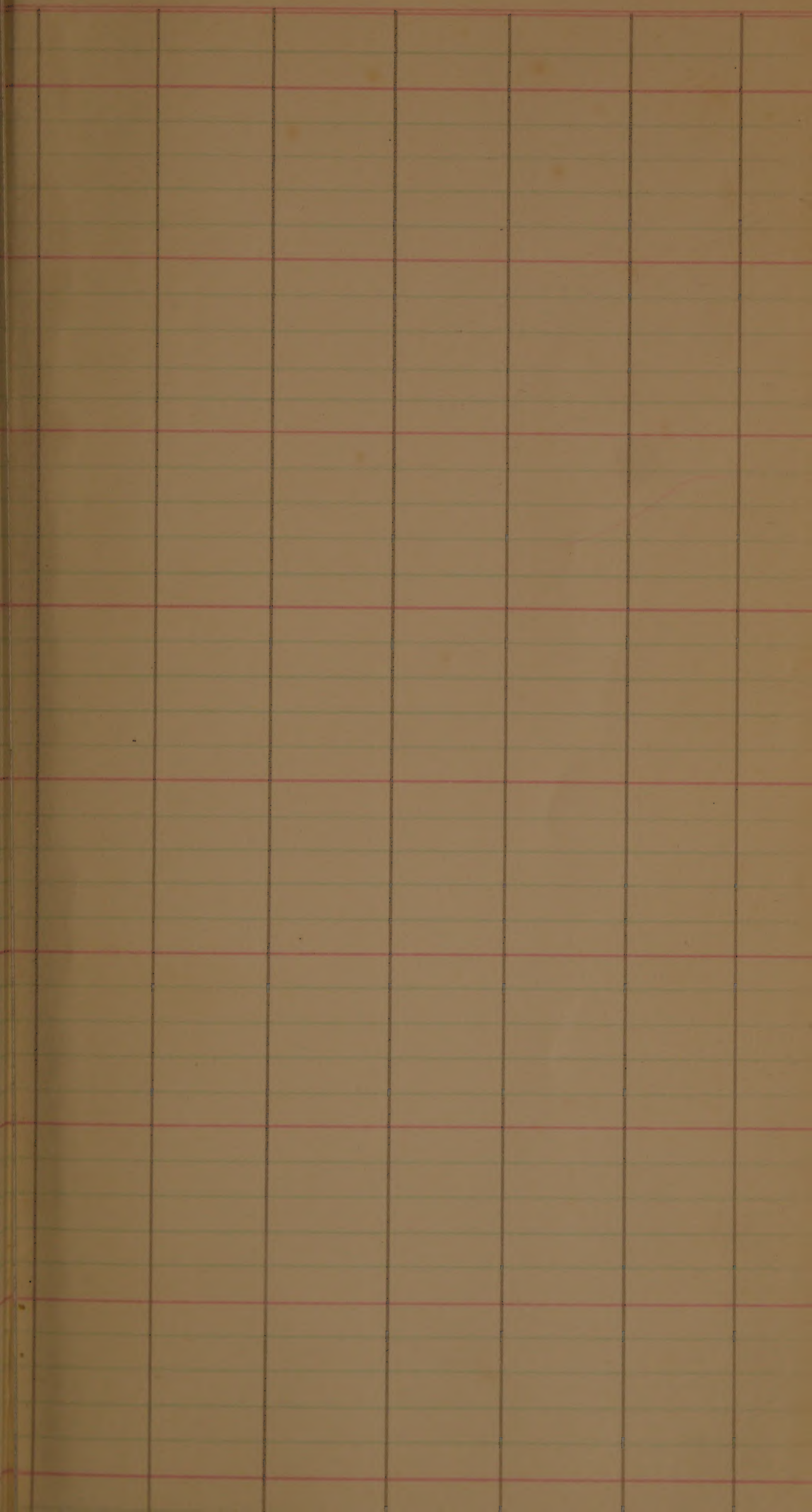
6394

6395

6396

1303 H₂O solub^l appears to be co + H₂O resistant
plants

1315 General plants appear co resist.





"The Right Books to Write In"
Figuring Book No. 720

Made in the following Rulings

NUMBER 150 Pages	NUMBER 300 Pages	RULING
720-BQ	720-DQ	Quadrille, $\frac{1}{4}$ inch
720-BF	720-DF	Faint
720-B2	720-D2	2 Columns to Right
720-B3	720-D3	3 Columns to Right
720-B4	720-D4	4 Columns to Right
720-B5	720-D5	5 Columns to Right
720-B6	720-D6	6 Columns to Right
720-B7	720-D7	7 Columns to Right
720-B8	720-D8	8 Columns to Right
720-B12	720-D12	12 Columns to Right
720-B14	720-D14	14 Columns to Right
720-B16	720-D16	16 Columns to Right
720-B18	720-D18	18 Columns to Right

The above are ruled without Units and not paged

†Double Page Form

To Duplicate This Book:

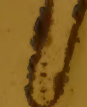
Order No. 720-B16

From Your Stationer

MADE IN U. S. A.

6 (47.560) 7 2/150

30



lost up 154 for 1137
summary

clear in picture

190
170
106
144

Cross

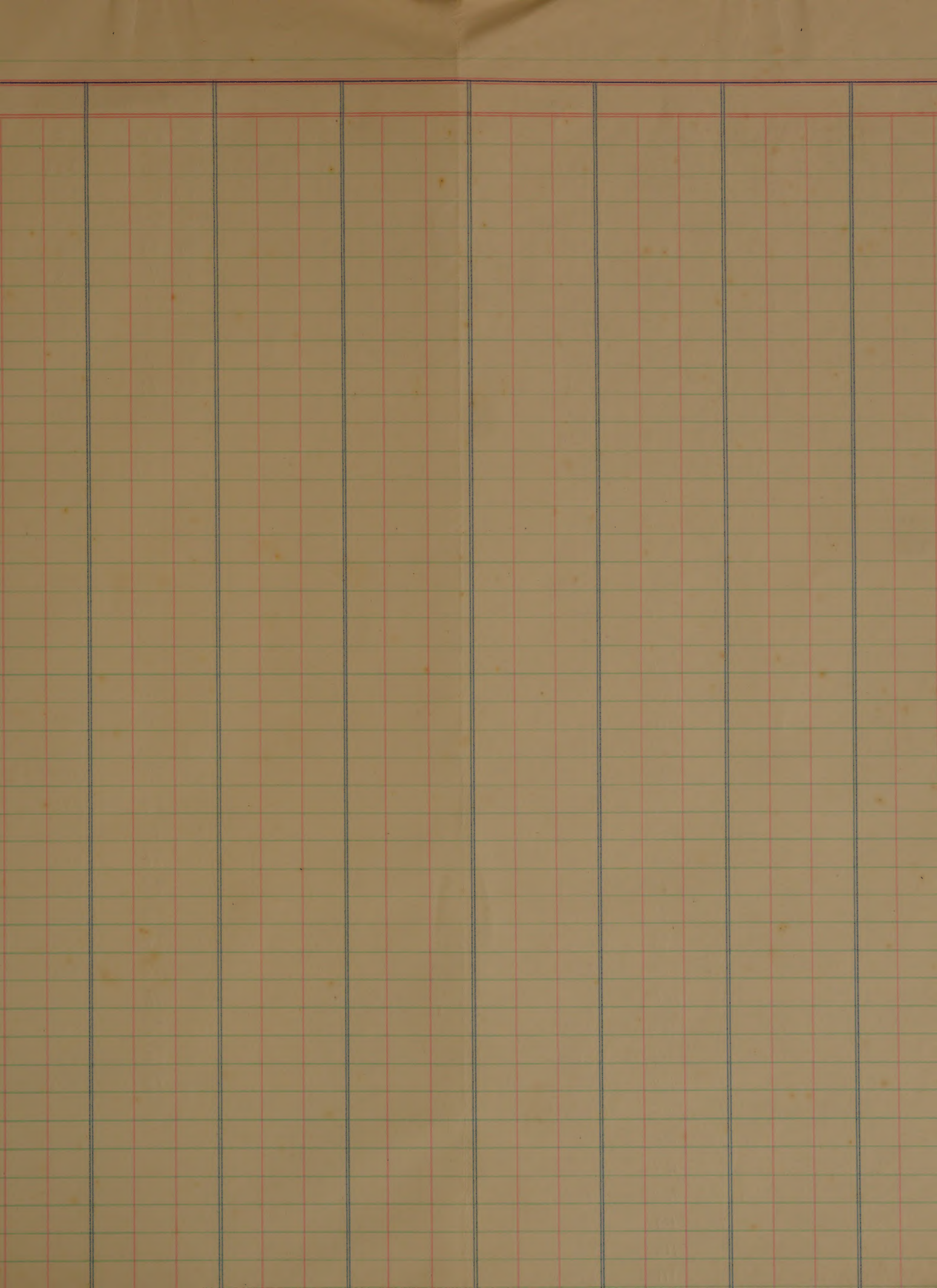
97 x Ryker

Ryker x EBR at end

blue x B2920A

CT 5548 x cal 1/10





25 gram Samples			25 gram Samples			20 gram Samples		
65	60	140	45	70	180	45	65	225
66	61	144	46	71	184	46	66	230
67	62	148	47	72	188	47	67	235
68	63	152	48	73	192	48	68	240
69	64	156	49	74	196	49	69	245
70	65	160	50	75	200	50	70	250
71	66	164	51	76	204	51	71	255
72	67	168	52	77	208	52	72	260
73	68	172	53	78	212	53	73	265
74	69	176	54	79	216	54	74	270
75	200		55	80	220	55	75	275
76	204		56	81	224	56	76	280
77	208		57	82	228	57	77	285
78	212		58	83	232	58	78	290
79	216		59	84	236	59	79	295
80	220		60	85	240	60	80	300
81			61	86	244	61	81	305
82			62	87	248	62	82	310
83			63	88	252	63	83	315
84			64	89	256	64	84	320
85			65	90	260	65	85	325
86			66	91	264	66	86	330
87			67	92	268	67	87	335
88			68	93	272	68	88	340
89			69	94	276	69	89	345
90			70	95	280	70	90	350
91			71	96	284	71	91	355
92			72	97	288	72	92	360
93			73	98	292	73	93	365
94			74	99	296	74	94	370
95			75	100	300	75	95	375
96			76	101	304	76	96	380
97			77	102	308	77	97	385
98			78	103	312	78	98	390
99			79	104	316	79	99	395
100			80	105	320			
101			81	106	324			
102			82	107	328			
103			83	108	332			
104			84	109	336			
105			85	110	340			
106			86	111	344			
107			87	112	348			

<u>PLOT NO.</u>	<u>TEST WT.</u>
1	45
2	45
3	42
4	45
5	42
7	46
8	43
9	43
10	44
11	43
12	45
13	46
14	46
15	45
16	41
17	45
18	44
19	42
20	45
21	42
22	44
23	45
24	42
25	45
26	42
27	46
28	45
29	42
30	42
32	45
33	46
34	43
35	44
36	43
37	42

<u>PLOT NO.</u>	<u>TEST WT.</u>
38	42
39	45
40	45
41	46
42	46
43	46
45	45
46	47
47	43
48	44
49	44
50	44
51	46
52	44
53	47
54	46
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57	44
58	46
59	46
60	47
61	45
63	46
64	46
65	46
66	47
67	46
68	46
69	46
70	44
71	44
72	48
73	43
74	45

<u>PLOT NO.</u>	<u>TEST WT.</u>
75	45
76	44
77	46
78	44
79	44
80	46
81	43
82	46
83	46
84	44
85	45
87	45
88	45
89	44
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108	46
109	41
110	46
111	47
113	44
114	45
115	44
116	44
117	44
118	43

RIGHT	LEFT	RIGHT	LEFT	RIGHT	LEFT
1	2	3	4	5	6
7	8	9	10	11	12
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253	254	255	256	257	258
259	260	261	262	263	264
265	266	267	268	269	270
271	272	273	274	275	276
277	278	279	280	281	282
283	284	285	286	287	288
289	290	291	292	293	294
295	296	297	298	299	300

	Test weight
Blue Rose	A-46: B-46: C-47: D-47;
B2912A13-2-2-1-1	A-46: B-45: C-46: D-46;
C2912A10-1	A-45: B-45: C-45: D-45;
S2912A34-2-1-3	A-46: B-46: C-46: D-46;
Rexoro	A-45: B-45: C-45: D-45;
Rx5094	A-45: B-45: C-46: D-46;
C283A	A-43: B-44: C-44: D-43;
B283A	A-43: B-43: C-42: D-41;
Early Prolific	A-44: B-44: C-44: D-44;
Lady wright	A-42: B-42: C-42: D-42;
Edith	A-43: B-43: D-42: D-42;
Zenith	A-44: B-45: C-45: D-45;
Col.xBlue Rose	A-46: B-46: C-46: D-46;
Shoemed	A-45: B-46: C-46: D-46: E-44 F-45: G-46: H-48: I-46: J-47 K-48: L-47;
Delitus	A-43: B-43: C-43: D-43;
Caloro	A-46: B-46: C-46: D-46;
Acadia	A-45: B-45: C-45: D-45;
Nira	A-45: B-45: C-45: D-45;
B321A2-8-2-1	A-46: B-46: C-46: D-46;
B3173-1	A-46: B-46: C-46: D-46;
Fortuna	A-45: B-45: C-46: D-45;
C2913A24-1	A-45: B-45: C-45: D-45;

Exp

1875

1st Full 1.

82-7

Plot

100

Bl-6 606-7

№5 606-7
611-7

401-5

Black
606-

401-

Block
606-

606-
401-

Below

4 611-
411-

411

411

906
and 907

Harvesting dates

Threshed

2

Early Adv =

9/2

guard

9/3 & 9/4

" Prel

9/4

mid Adv. 9/

7/13

" Prel

9/17

Phased ch

9/25

Source of Seed

Bulk hybrids

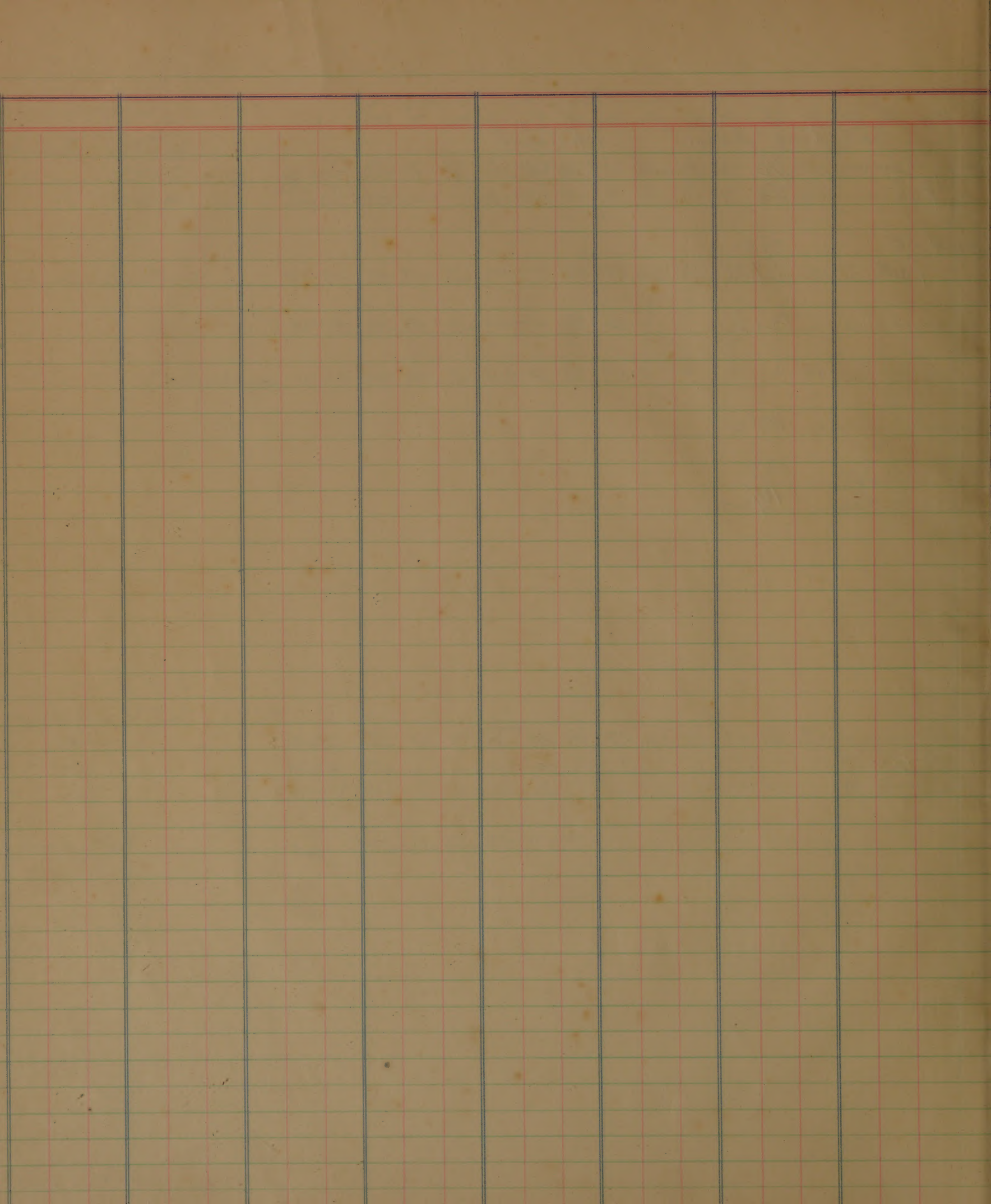
10/2

Late Adv

10/8

Late Prelim

10/2



Disease Notes.

Early Groups 7/18/40

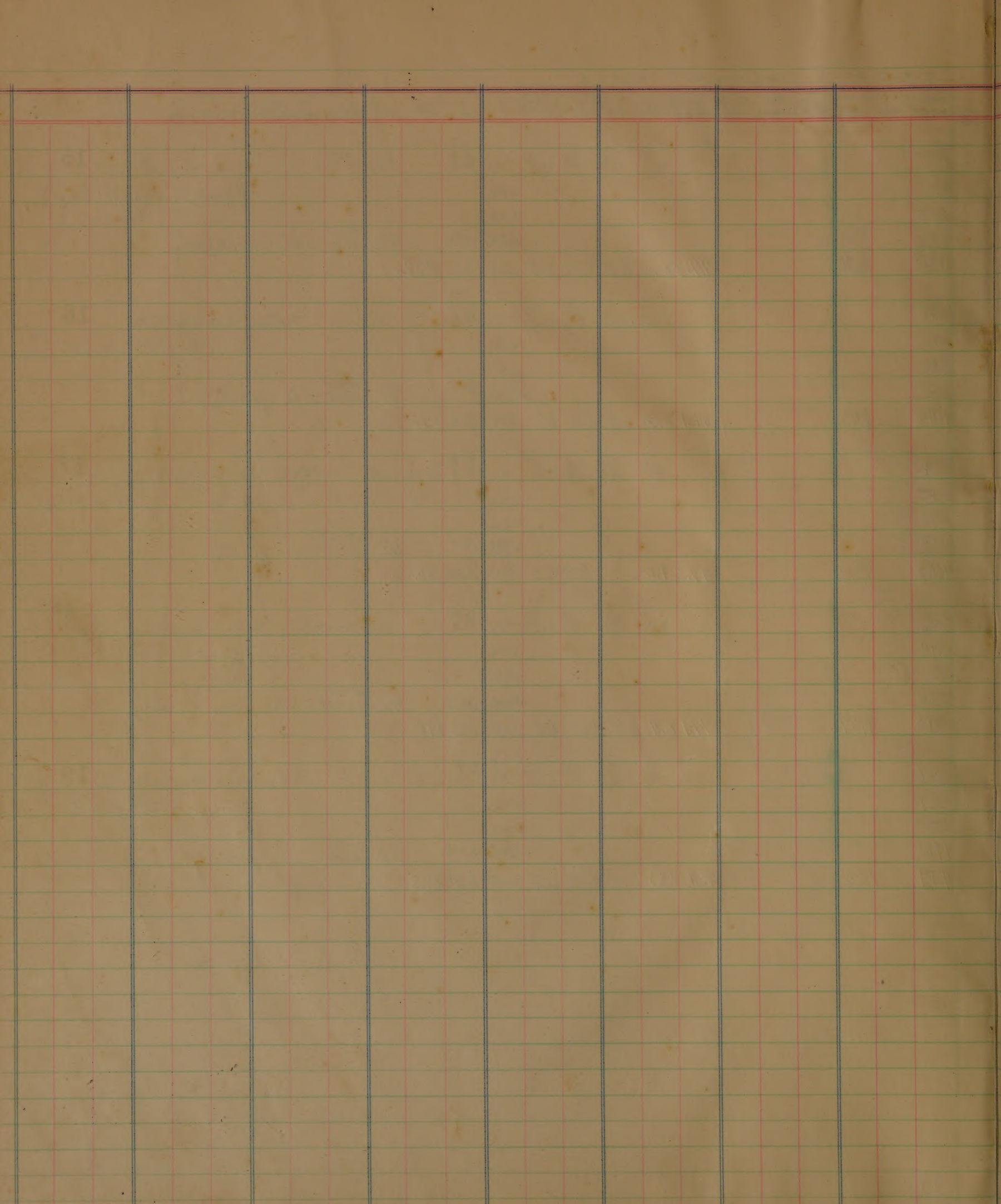
March 15 Date Seeding 7/18/40

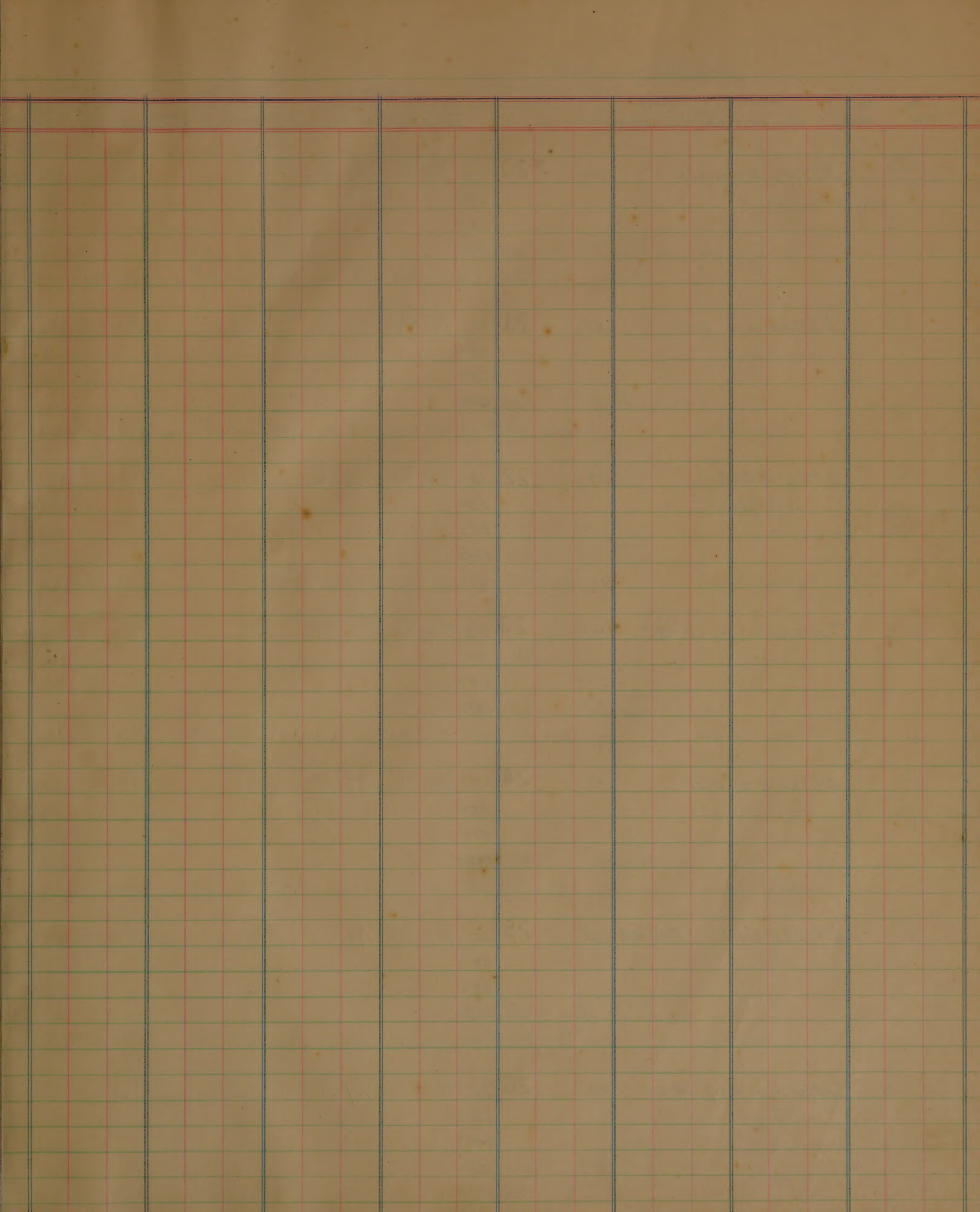
Series 1 Disease Nursery 7/18/40

P.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATE HEADING 1ST FULL	RIPENING 1ST FULL	HARV. ESTED	(IN.) %	DISEASES H.O. Cerro- spora White- tip Damping off Blight Fusarium wilt		
E Uni	B2916A12-2-1,	ExBR	16	1	7/22 8/1	8/7 8/20	35	30 15 10	5 +	
	Cut ground			44✓	112✓	134✓				
Disc + substituting a related strain	S2920A32-5-5-6-7,	IBRxF	21	2	7/24 8/5	8/12 8/25	36	30 15	W +	
	Cut ground			47✓	105✓	138✓				
E Uni	B283A2-7-6,	ExF	13	3	7/30 8/9	8/15 8/27	36	15 10	5 +	
	Cut ground			56✓	113✓	137✓				
E Uni	A1-5-1C,	I x BR	Crowley, La	4	4	7/26 8/5	8/16 8/28	38	15	0 0
	Cut ground			40✓	102✓	144✓				
E Uni	B283A3-4-5,	ExF	9	5	7/31 8/11	8/18 8/30	40	15	0 0	
	Cut ground			50✓	111✓	146✓				
E Uni 19889	3625 Shoemed,	ck.	Satol.	6	6	7/29 8/10	8/18 8/27	40	30 15	0 0
	Cut ground			42✓	114✓	148✓				
E Uni	C2913A5-1-3,	CoxBR	Crowley, La	7	7	7/18 7/26	8/6 8/19	34	35 15	0 0 W
				52✓	106✓	145✓				

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES	PLANT LOGG-	H.T. (IN.)	ING %	SHAT- TERING	DISEASES
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED			H.O. Cero- spora Warts Tip Blotch Entry Loma
E Uni	19803 5451	Lady Wright <u>cut guard</u>	7	8	7/22 8/1	8/10 8/26	38		25 15 w + w
				48v					
				100v					
				151v					
E Uni		C283A9-6-1-2, EXF <u>cut guard</u>	Crowley, La (Pmt-10)	9	7/28 8/9	8/13 8/27	40		30 10 o o w
				57v					
				108v					
				136v					
E Uni		C283A3-6-2, EXF	Crowley, La (Pmt-8)	10	7/25 8/5	8/11 8/19	37		25 15- o w
				51v					
				98v					
				141v					
Dice		B2917A29-2-2-1-I, BRXCG		11	7/28 8/9	8/16 8/24	41		25 15- 10 + w
				55v					
				104v					
				135v					
E Uni	5883	Early Prolific, <u>cut guard</u>	Crowley, La.	12	7/21 7/31	8/14 8/25	38		25 15 5 + w
				49v					
				107v					
				147v					
E Uni		B2913A29-1-1-I, COXBR <u>cut guard</u>		13	7/17 7/28	8/5 8/22	34		25 15 5 w w
				41v					
				99v					
				149v					
E Uni	1600	Colusa		14	7/15 7/24	8/5 8/15	36		25 15 o w w
				53v					
				101v					
				139v					

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHATT TERING	DISEASES			
					HEADING 1ST FULL	1ST FULL	1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- m...
<i>E. Uni</i>	7787	Zenith <i>cut guard</i>	3	15	15	7/24	8/3	8/1	8/17	34		25 15	0	0	W
<i>Disc</i>		B283A2-1-2-1, EXF	11	16	16	7/30	8/9	8/18	8/24	42		30 15	0	0	W
<i>E. Uni</i>		C 2920A41-2-2, IBRxF <i>cut guard</i>	Crowley, La	17	17	7/23	8/1	8/6	8/19	36		35 15	W	0	W
<i>Disc + new strain being substituted</i>		S2920A17-4-4-9-1, IBRxF <i>cut guard</i>	19	18	18	7/20	7/31	8/11	8/25	39		35 15	W	0	W
<i>Disc</i>		S283A9-6-1-1, EXF	12	19	19	7/23	8/1	8/8	8/18	38		25 10+	0	0	W





YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA			Volume 250 milled Kernels			Volume 20 increase in cooking			Color Texture		
GMS. PER ROW	BU.	LBS.	BBL.		HEAD RICE	TOTAL RICE	Broken	1	2	AV.	1	2	av	note		
254																20
281																
225																
323																
1083	36.1	1624		45	72.3	77.6	0.4	6.0	6.0		19	20	70	sl. sl. sl. sl. - 0	med pasty	
											217	233	225	250	sl	
											450					
291																21
294																
269																
368											21.5	20.0	72	sl. sl. sl. sl. - 0		
1222	40.7	1833		42	76.1	79.1	0.4	7.0	7.0	7.0	207	200	204	260	med pasty	
											407					
294																22
259																
272																
309											21.5	23.5	68	sl. sl. sl. sl. - 0		
1134	37.8	1701		44	70.2	78.4 (3)	7.3	7.3	7.3		195	222	208	240	med. flakey	
											417					
271																23
286																
210																
265											19.5	19.5	72	o-sl sl. sl. - 0		
1012	33.7	1518		45	75.6	77.5	0.2	6.3	6.3	6.3	210	210	210	260	med. pasty	
305																24
287																
277																
343											19.5	22.0	73	o-sl sl. sl. - 0		
1212	40.4	1818		42	70.1	79.0	0	6.8	6.5	6.6	195	233	219	265	med. flakey	
											438					
240																25
273																
274																
340											18.5	19.0	65	sl. sl. sl. sl. - 0		
1127	37.6	1690		45	56.7	74.8	0	6.0	6.0	6.0	208	217	212	225	flakey	
											425					
260																26
270																
225																
234											24.0	23.0	74	sl. sl. sl. sl. - 0		
989	33.0	1484		42	63.8	74.7	0.8	7.0	7.0	7.0	243	229	236	270	med. flakey	
											442					

Crabbing quality Data

20 increase in cooking

Volume

Volume

Volume

Volume

Volume

Volume

Volume

Volume

Volume

Volume

Volume

Volume

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Volume

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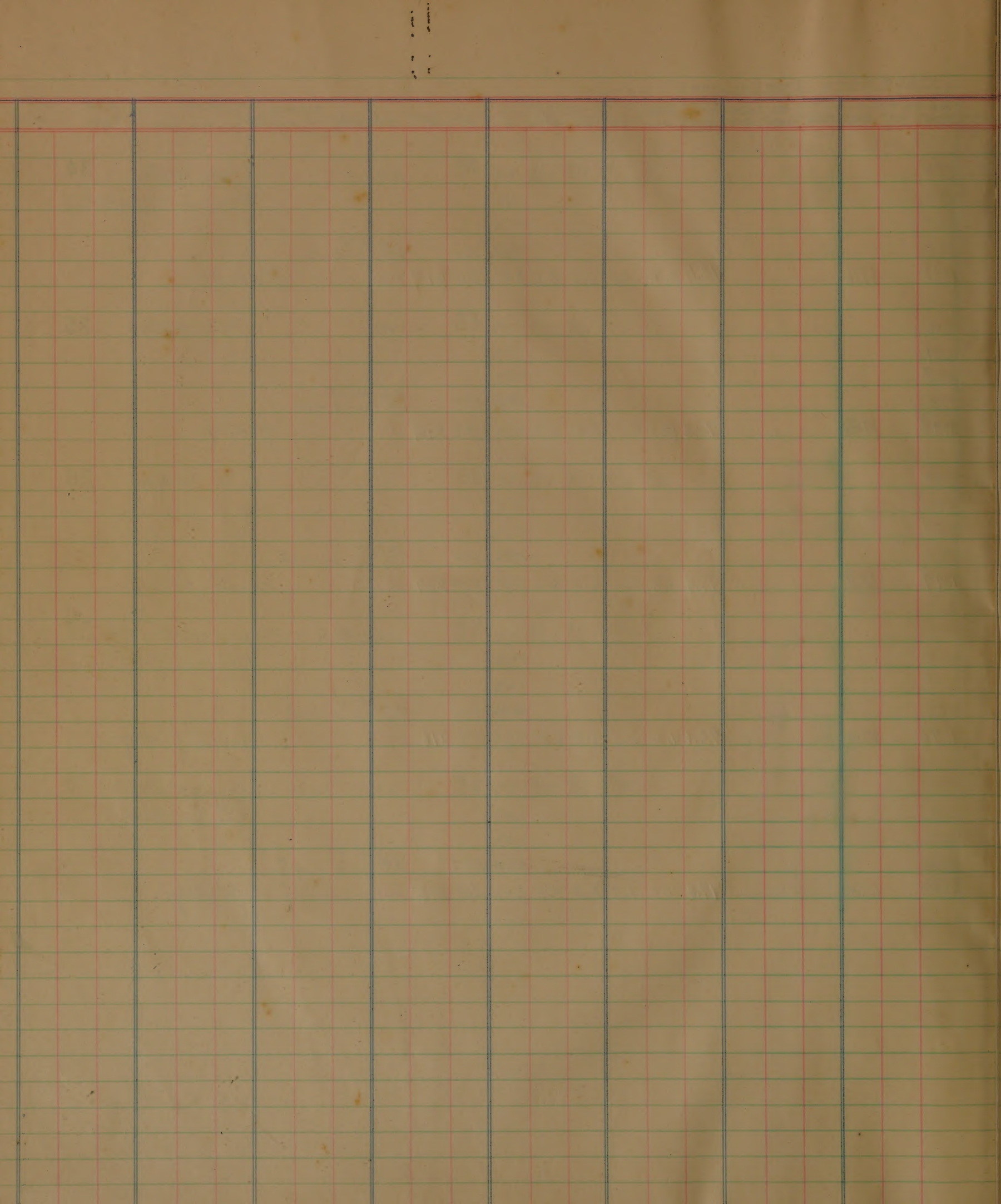
T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES		PLANT LODG.		SHAT- TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HT. (IN.)	ING %		H.O.	Cercos- spora	White Tip	Enty- loma
<i>Disc 35</i>		B374, BR	133	34	34 7/25 8/5	8/20 9/1	38		20 15+	5	+	tr	
					76✓						+		
					93✓								
					131✓								
<i>E Bunt</i>		B379, EP	139	35	35 7/23 8/3	9/17 9/1	37		20 15+	10	+	tr	
					58✓								
					92✓								
					117✓								
<i>E Bunt</i>		B3214, F.P.	1	36	36 7/24 8/7	8/19 9/2	37		25 15+	10	+	tr	
					74✓								
					88✓								
					125✓								
<i>Disc and new strain being substituted in E line</i>		S2920A 17-4-4-1-1, IBRxF 226		37	37 7/27 8/6	9/17 8/27	42		25 20	0	0	tr	
					69✓								
					80✓								
					122✓								
<i>E Bunt</i>		B283A5-4-4-1, EXF	36	38	38 7/23 7/31	8/3 8/19	40		15 10	5	+	+	
					72✓								
					86✓								
					126✓								

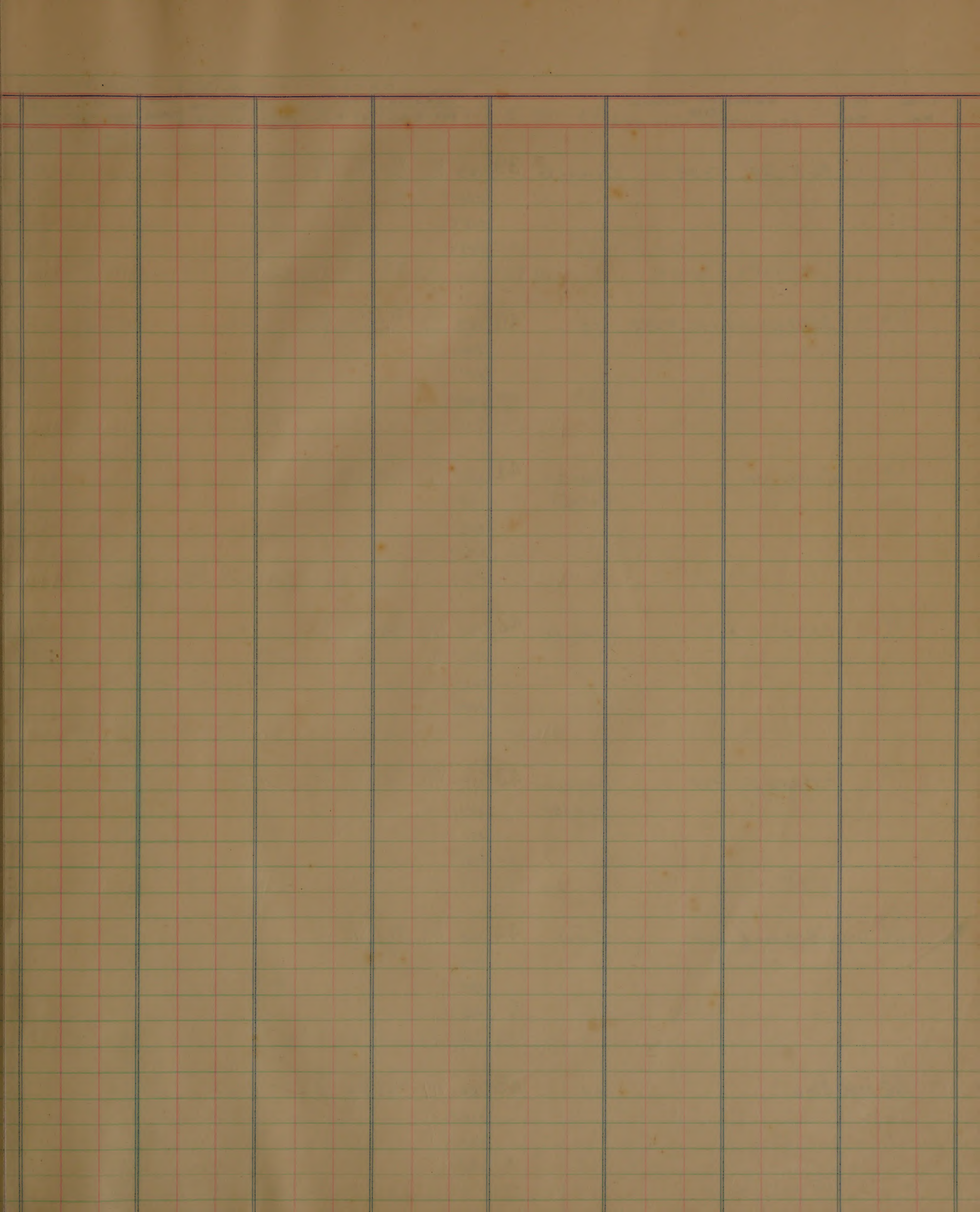
YIELD DATA				TEST	MILLING DATA													
GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD RICE	TOTAL RICE												
	BU.	LBS.	EBLS.															
							broken	1	2	or	1	2	or	not	add	Test no.		
330																		34
274																	Very good, BK growth habit	
300																		
324																		
1228	40.9	1842		43	74.6	78.1	0.2	6.8	6.5	6.6	20.0	20.5	68	0-0-0				
											203	211	207	240		flaky		
											41.7							
311																		35
375																	good.	
312																		
319											19.5	19.0	72	0-0-0				
1317	43.9	1976		44	76.5	78.2 (2)	6.5	6.3	6.4	20.5	19.7	20.1	260			flaky		
											40.2							
347																		36
296																	good, finer texture than Ep	
258																	2/1 per grain quality, disc	
366											18.5	18.0	71	0-0-0				
1269	42.3	1904		43	76.4	77.9	0.3	6.0	6.0	6.0	20.8	20.0	20.4	255		med-flaky		
											40.8							
288																		37
267																	Productive but rather tall	
239																		
364											21.0	20.0	75	0-0-0				
1158	38.6	1737		42	69.6	75.6	1.2	6.5	6.5	6.5	22.3	20.8	21.6	275		med-flaky		
											43.1							
317																		38
273																	good even then other Ex 7 lines,	
229																		
326											25.0	22.5	74	0-0-0				
1145	38.2	1718		42	65.1	79.8	0	7.3	7.3	7.3	24.2	20.8	22.5	270		flaky.		
											45.0							

Very good Bk growth habit

good fine structure than Ep
2/3 per grain quality, 40%

green than other Ex 7 lines,





[illegible]

YIELD DATA				TEST	MILLING DATA											
GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD RICE	TOTAL RICE	broken	1	2	av	1	2	av	wt	adn	Texture
BU.	LBS.	EBLS.														
353																39
250																very good, rather leafy no drying
322																
276																
1221	40.7	1832		45	73.8	76.4	0.7	5.5	5.5	5.5	218	227	222	252	med - flaky	
											445					
322																40
304																good, very clean strong no leaf drying, short panicles
330																
224																
1180	39.3	1770		45	77.6	79.1	0.3	5.8	6.0	5.9	205	222	214	228	med - flaky	
											427					
332																41
307																very good, some stinkiness uniform
317																
326																
1288	42.9	1932		46	78.2	79.9	0.4	6.0	6.0	6.0	225	258	242	188	med flaky	
											483					
296																42
320																growth habit almost identical with 200, slightly better maturing
369																
370																
1355	45.2	2032		46	49.2	74.7	0	6.5	6.5	6.5	238	262	250	252	med party	
											500					
264																43
252																has leafy tips, some good, others less so
337																
353																
1206	40.2	1809		46	72.3	77.9	0	5.3	5.5	5.4	252	252	252	212	med flaky	
273																44
278																med, sl. earlier than variety No 200
266																
277																
1116	37.2	1674		71.6	77.3	0.9	6.0	5.8	5.9		205	222	214	208	flaky	
											427					
279																45
267																
261																
332																
1139	38.0	1708		45	43.7	74.0	(2)	6.5	6.8	6.6	248	233	240	232	med party	
											481					

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAT- TING	DISEASES			
				HEADING 1ST FULL	8/13	8/24	9/2	9/10	HT. (IN.)	ING %	H.O.	Oesco- spora	White Tip	Enty- loma

M-Uma 46 160 8/13 8/24 9/2 9/10 42 10 0 0 0
236 ✓
272 ✓
304 ✓

M-Uma 47 161 8/10 8/23 9/2 9/9 40 15 0 0 0
220 ✓
276 ✓
303 ✓

M-Uma 48 162 8/2 9/16 8/24 9/5 38 25 5 0 0
230 ✓
278 ✓
305 ✓

M-Uma 49 163 8/9 8/20 8/27 9/9 37 25 5 0 0
240 ✓
280 ✓
300 ✓

M-Uma 50 164 8/5 8/16 8/23 9/5 36 20 0 0 0
238 ✓
267 ✓
293 ✓

L-Uma 51 165 8/7 8/16 8/26 9/9 37 25 0 0 0
221 ✓
275 ✓
299 ✓

M-Uma 52 166 8/9 8/19 8/31 9/8 38 25 5 0 0
223 ✓
279 ✓
292 ✓
Bmt-63

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.	SHAT- TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)			INO %	H.O.	Cerco- spora	White- tip
<i>Dug an</i> <i>Gumeki</i> <i>very substituted</i>	6869	Haya Ozeki	87	53	167 8/3 8/12 8/26 9/3	34	15	0	0	0				
					228✓									
					264✓									
					301✓									
<i>M-Uma</i> 19799 1561-		Caloto	45	54	168 8/1 8/11 8/28 9/5	36	15	5	5	5				
					225✓									
					269✓									
					290✓									
<i>M-Uma</i> 8076 1206		Delitas	48	55	169 8/1 8/13 8/17 8/28	41	20	5	5	5				
					234✓									
					277✓									
					288✓									
<i>M-Uma</i>		B322A4-2-3-1, RxF	83	56	170 8/6 8/19 8/24 9/6	40	20	0	0	5				
					229✓									
					293✓									
					302✓									
<i>Dug</i> <i>substituted</i> <i>KP sub</i>		C2914A6-3-1, CAXBR Crowley (Bmt-SS)		57	171 8/10 8/19 9/6 9/13	39	30	5	+	5				
					232✓									
					283✓									
					298✓									
<i>J Umi</i> <i>substituted</i> <i>new strain</i>		S2914A18-3-8-13, CAXBR	56	58	172 8/9 8/20 9/5 9/10	38	20	5	+	5				
					233✓									
					274✓									
					287✓									
<i>M-Bint</i>		B321A2-8-2-1, RxD	62	59	173 8/6 8/19 8/26 9/6	36	20	5	0	5				
					226✓									
					281✓									
					289✓									

T. S. No.	O. I. No.	VARIETY NAME OR SELECTION NUMBER		DATES			PLANT LONG.		SHAT- TERING	DISEASES		
				HEADING 1st FULL	RIPENING 1st FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip
<u>M-Una</u>		B3313A1-16-1, Rx7689 86	60	174 8/6	8/19	8/25 7/5	36			25	0	0
				222✓								
				266✓								
				296✓								

YIELD DATA			TEST	MILLING DATA					
GMS. PER ROW	ACRE YIELD		PER BU. (LBS.)	HEAD RICE	TOTAL RICE				
	BU.	LBS.	BBLs.			broken	1	2	or 1

207
293
300
336

113697.9 1704

47 65.7 77.1 (2) 5.5 5.5 5.5 200 218 209 208
418

16.5 17.5 77^{pl-ohy}_{pl-sl-sl}

good moist leaf drying
than 287A2-2-2-10

60

flaky

YIELD DATA				TEST	MILLING DATA												Adm Texture		
GMS PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD RICE	TOTAL RICE	Broken 1	2	Av 1	2	Av 2								
	BU.	LBS.	BBLs.																
238																			
247																			
216																			
325																			
1026	34.2	1539	71.7	45	71.8	77.9	0.2	7.3	7.5	7.4	197	211	204	176	22.0	23.0	69	sl. sl - sl	61
214																			
238																			
267																			
286																			
1005	33.5	1508	-	73.5	78.4 (3)	5.8	5.8	5.8	219	219	219	160							
264																			
286																			
306																			
363																			
1219	40.6	1828		46	79.3	80.6	0.2	6.5	6.5	6.5	215	208	212	144	20.5	20.0	61	sl. sl - sl	62
226																			
240																			
270																			
285																			
1021	34.0	1532		46	77.7	78.9	0	6.3	6.0	6.2	215	198	206	156	19.5	18.5	64	sl. sl - sl	63
251																			
291																			
300																			
398																			
1240	41.3	1860		46	634	75.3	0.3	5.5	5.5	5.5	218	227	222	176	17.5	18.0	69	sl. sl - sl	64
284																			
313																			
339																			
373																			
1309	43.6	1964		47	79.5	81.0 (3)	6.8	6.8	6.8	6.8	201	216	208	152	20.5	21.5	63	sl. sl - sl	65
233																			
246																			
292																			
313																			
1084	36.1	1626		46	67.6	77.9 (1)	5.5	5.5	5.5	5.5	227	236	232	168	18.0	18.5	67	sl. sl - sl	66

Very promising BR
 Look like resistant, no are.
 Transfer to lab group

sl. sl - sl
 Pasty

sl. sl - sl
 flaky

v. good, 2 good, 1 below
 clean straw

sl. sl - sl
 med-pasty

only fair, too much H. 2
 & too deep, good grain

sl. sl - sl
 med-pasty

good, less displaying than 1st
 1st 2nd 3rd 4th 5th 6th 7th 8th 9th 10th
 promising

sl. sl - sl
 flaky

very good.

sl. sl - sl

pasty

See 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th
 flaky straw

sl. sl - sl
 med flaky

[illegible]

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHAT- TERING	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- lous
M-Prel		B378, latex	138	75	189 208✓ 257✓ 324✓	8/5 8/19 8/25 9/7		37			30	0	+	
Disc		B295A8-2-2, EXK.	79	76	190 217✓ 251✓ 312✓	8/8 8/17 8/27 9/8		39			15	5	0	
L-Lini		J2914A3-3-3, CA x BR.	192	77	191 203✓ 259✓ 321✓	8/6 8/16 9/1 9/9		37			30	0	+	
Disc		B2920A9-9-1-1, IBR x F	68	78	192 209✓ 248✓ 319✓	8/5 8/15 8/20 9/4		38			20	0	0	
M-Bunt		B283A9-6-1-2-1-1, EXF	69	79	193 214✓ 255✓ 316✓	8/11 8/20 8/30 9/6		41			25	0	0	
M-Bunt		B323A2-8-2-1, R x 8BR	85	80	194 211✓ 243✓ 328✓	8/4 8/15 8/27 9/7		40			20	0	0	
M-Bunt		B2920A3-4-1-1-1, IBR x F	70	81	195 199✓ 250✓ 322✓	8/5 8/15 8/27 9/6		37			15	0	0	

YIELD DATA				TEST	MILLING DATA											
GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD	TOTAL	broken	1	2	Ar	1	2	Ar	nt	2dr	Texture
	BU.	LBS.	BBLs.	RICE	RICE											

235
225
235
323
1018 33.9 1527

46 65.1 77.2 (1) 5.5 5.5 5.5 245 227 236 188
472

19.0 18.0 72
21.21 21.21 - 0

82
good, small amount
leaf dying had for clattering
flosky

T.B. No.	S.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHAW STERNING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- long	
<u>L-Una</u>		S2912A34-2-1-3, K x BR	101	83	329 387 409✓ 457✓	2/10 2/19 7/3 7/12		40				20	0		t
<u>L-Una</u>		C2854-3, Ryker BR (Bmt-104)	Crowley, La	84	330 397 411✓ 470✓	2/20 8/30 2/15 2/25		41				30	0		0
<u>Disa</u>		B2914A36-4-1-1, CA x BR	108	85	331 384 417✓ 460✓	2/17 2/27 2/7 2/24		36				20	10		0
<u>all groups</u> 19889 3625		Shoemed, CK.	93 et al	86	332 395 415✓ 472✓	2/17 2/27 2/17 2/24		40				15	0		0
<u>Disa</u>		B2912A42-2-1-2, K x BR	95	87	333 392 405✓ 462✓	2/17 2/27 2/18 2/17		40				25	15		0
<u>Disa</u>		S2912A9-2-8-L K x BR	98	88	334 391 412✓ 455✓	2/12 2/21 2/15 2/14		42				20	5 avg		0
<u>L-Una</u>		ASAHI	128	89	335 398 413✓ 459✓	2/14 2/21 2/4 2/17		34				25	to		0

YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA		1	2	av	1	2	av	mt	Ador. Texture		
GMS. PER ROW	ACRE YIELD				HEAD RICE	TOTAL RICE										
	BU.	LBS.	BBL.													
303																
326																
238																
207											17.5	15.0	76	sl-sl sl-o-o		
1074	35.8	16.11		46	70.7	77.9 0.3	6.0	6.0	6.0	192	150	171	204	Pasty		83
										342						
324																
286																
301																
350											22.0	17.5	73	o-o oly-oly - o		
1261	42.0	18.92		44	73.1	77.6 0.6	7.3	7.3	7.3	201	140	170	192	med. Pasty		84
										341						
282																
301																
241																
244											16.5	15.0	76	sl-sl sl-sl - o		
1068	35.6	16.02		45	69.6	77.5 (1)	5.5	5.5	5.5	200	173	186	204	med. Pasty		85
										373						
262																86
254																
277																
240											16.5	16.0	75	sl-sl sl-sl - o		
1033	34.4	15.50		45	70.6	77.0 0.4	5.5	5.5	5.5	200	191	196	200	flaky		
										391						
263																
312																
285																
223											20.0	18.5	77	sl-sl oly-oly - o		
1083	36.1	16.24		45	63.1	76.5 0.3	6.8	7.0	6.9	190	168	179	208	Pasty		87
										358						
283																
313																
247																
221											22.0	18.5	71	o-o sl-sl - o		
1064	35.5	15.96		45	71.4	80.0 0	6.8	6.8	6.8	194	172	183	184	flaky		88
										366						
255																
248																
247																
210											18.5	19.0	84	o-o o-o - o		
960	32.0	14.40		44	69.2	77.2 0.5	5.8	5.8	5.8	219	228	224	236	med. Pasty		89
										447						

As tall as Pyke PK.
Irregular lit, far above type
not equal to Pyke PK

much cleaner than PK
very good

Uniform, Japanese type
shorter than PK, back ended
minors

good PK type, but minor
discoloring

fair, good, short, granular
hard, like PK, minor

only fair

YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA		Broken	1	2	an	1	2	an	mt	Adm Texture			
GMS. PER ROW	ACRE YIELD				BU. HEAD RICE	TOTAL RICE												
	BU.	LBS.	BBL.															
320																		
354																		
280																		
279																		
1233	41.1	1850		46	71.9	77.3	0.2	6.5	6.5	6.5	223	208	216	208		77 ^{al-al} al-o - 0	med pasty	90
											431							
243																		
250																		
153																		
182																		
828	27.6	1242		46	76.3	78.6	0.3	6.0	6.0	6.0	225	225	225	220		80 ^{o-o} al-al - 0	med pasty	91
333																		
385																		
293																		
276																		
1287	42.9	1930		47	61.4	77.6	(1)	5.5	5.5	5.5	236	209	222	264		91 ^{o-o} oly-oly - 0	flaky	92
											445							
397																		
314																		
278																		
303																		
1292	43.1	1938		44	62.7	77.1	(2)	5.8	6.0	5.9	205	197	201	292		98 ^{flavor} flavor - 0	flaky	93
											402							
295																		
315																		
286																		
242																		
1138	37.9	1707		44	75.8	79.6	0.1	6.5	6.8	6.8	203	203	203	216		79 ^{o-o} oly-oly - 0	med flaky	94
395																		
381																		
337																		
312																		
1430	47.7	2145		44	69.0	77.5	0.5	5.8	5.8	5.8	271	262	266	320		105 ^{o-o} al-al - 0	med flaky	95
											533							
299																		
318																		
284																		
242																		
1143	38.1	1714		45	60.5	78.7	0.2	6.5	6.5	6.5	223	231	227	292		98 ^{oly-oly} al-al - 0	med pasty	96
											454							

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAN- TERING	DISEASES		
			HEADING 1ST FULL	8/14 1ST FULL	8/20 HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip

Dice

B2913A31-2-1-4, COXBR 103

97

343

399

403

469

L-Una

B324A1-8-2-1, Rx5094

107

98

344

386

410

456

L-Una

7183 1962 Blue Rose

91

99

345

385

402

465

L-Una

1994 1779 Rexoro

92

100

346

389

408

464

YIELD DATA				TEST	MILLING											
GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	MILLING DATA											
	BU.	LBS.	BBLs.		HEAD RICE	TOTAL RICE	broken	1	2	av	1	2	av	nt.	color	Texture
264																
248																
283																
207																
1002	33.4	1503		44	75.2	78.4	0.2	6.3	6.5	6.4	19.5	21.5	20.5	236	220	228
																82 ^{shy-shy} ^{shy-shy} - shy
																Med Pasty
324																
368																
282																
271																
1245	41.5	1868		45	51.3	75.3	(2)	4.8	5.0	4.9	19.0	18.5	288	278	283	284
																96 ^{shy-shy} ^{shy-shy} - sh
																flaky
357																
410																
362																
313																
1442	48.1	2163		45	73.7	78.1	0.4	7.0	7.3	7.2	17.0	15.0	136	108	122	268
																92 ^{shy-shy} ^{shy-shy} - sh
																Pasty
396																
377																
323																
309																
1402	46.7	2103		44	49.0	77.1	(1)	5.0	5.0	5.0	21.0	22.5	320	350	335	260
																90 ^{shy-shy} ^{shy-shy} - sh
																flaky

Heavy plot, Too much
H₂O to & long dry

97

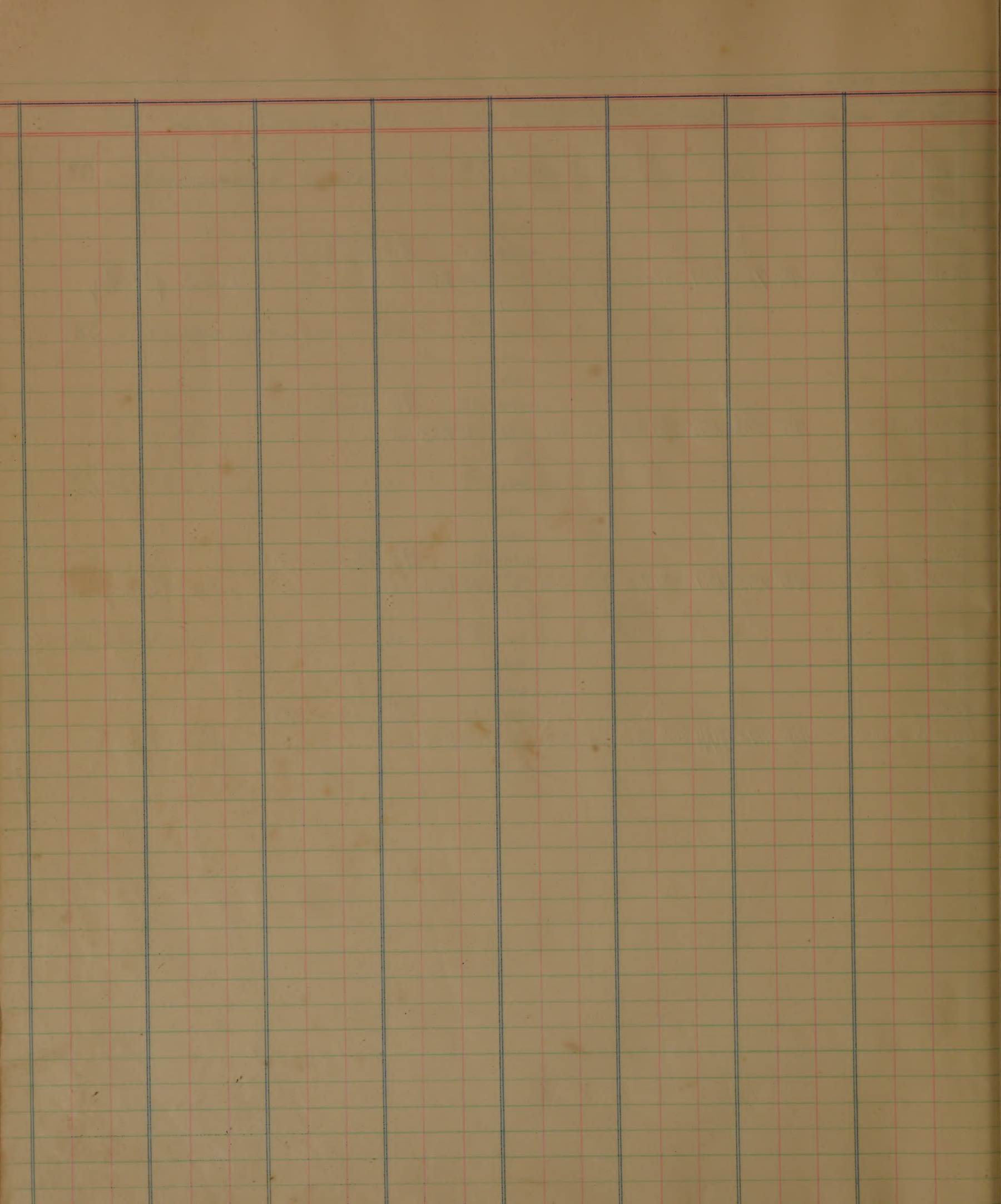
Very good.

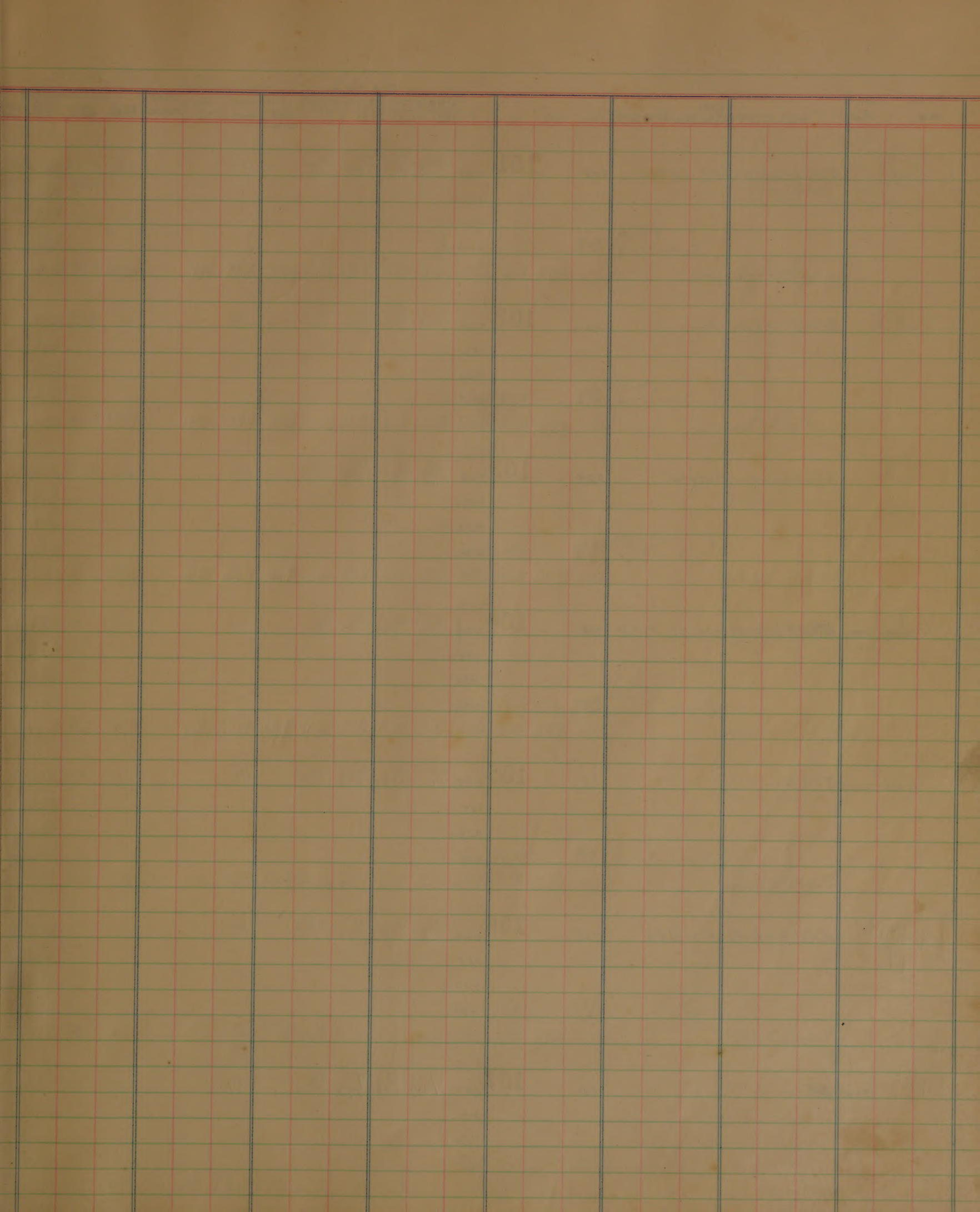
98

Heavy, H₂O on top long dry

99

100





T.B. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.		SHAT- TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma
L-Bunt		B2920A25-5-2-1-1, IBRx F	209	101	347 370 434✓ 444✓	8/23 9/1 9/17 9/25		41			35	10R	5	
L-Bunt		B342, Shontx Med.	111	102	348 382 420✓ 448✓	8/20 8/30 9/16 9/25		38			30	20	0	
L-Bunt		B324A5-4, Rx5094	224	103	349 372 422✓ 440✓	9/4 9/15 9/25 10/6		40			20	TR	0	
L-Bunt		B2912A4-2-1-1-1, KxBR	208	104	350 385 432✓ 452✓	9/15 8/24 9/4 9/16		39			40	0	0	
L-Bunt	19930 4559	IOLA	118	105	351 368 428✓ 438✓	9/1 9/10 9/18 10/3		46			15	0	0	
discontinued substituted 199		B3313A1-4, Rx 7689	225	106	352 381 427✓ 446✓	9/3 9/14 9/25 10/5		40			30	0	0	
L-Bunt	5548		110	107	353 371 430✓ 454✓	8/23 8/30 9/23 10/2		39			20	5R	0	

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	PLANT LODG- HT. (IN.)	ING %	SPLIT TERING	DISEASES H.O. Cerco- White Enty- spora Tip loma
disc	B354	Rx SBR	123	108	354 8/31 9/9 9/24 10/3	39			30 10R req
					379				
					421 ✓				
					439 ✓				
disc	B295A20-1-3-1-1,	E x K.	115	109	355 8/25 9/3 9/11 9/26	38			20 tr
					367				
					426 ✓				
					437 ✓				
L Bunt	B324A4-5-2-1-1,	R x S094	125	110	356 8/31 9/10 9/16 10/2	38			30 0 +
					380				
					429 ✓				
					450 ✓				
L Bunt 5463	Tinuco		117	111	357 8/18 8/27 9/10 9/21	41			35 25
					377				
					435 ✓				
					443 ✓				
L Bunt	19889 3625 Shoe Med,	Ck.	116 et al	112	358 8/1 8/17 8/26	40			20 0 0
					373				
					425 ✓				
					442 ✓				
L Bunt	B3716,	Nira	202	113	359 9/7 9/16 9/29 10/8	43			25 0 0
					376				
					431 ✓				
					449 ✓				
L Bunt 1407	5793 Supreme Blue Rose		113	114	360 9/20 8/30 9/10 9/25	41			30 25 0
					433 ✓				
					451 ✓				

YIELD DATA				TEST PER	MILLING DATA			1	2	an	1	2	an	net	Color	Texture		
GMS.	ACRE YIELD				BU.	HEAD	TOTAL											
PER ROW	BU.	LBS.	BBLs.	(LBS.)	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE	RICE
472																		
385																		
321																		
258																		
1436	47.9	2154		46	70.1	77.2	0.2	4.8	4.8	4.8	275	213	244	304	101	sl-sl 0-0	-sl	108
											48.8						party	
356																		
252																		
228																		
240																		
1076	35.9	1614		41	71.9	80.6	(2)	5.8	6.0	5.9	231	231	231	236	84	sl-sl 0-0	-0	109
																	flaky	
402																		
382																		
297																		
246																		
1327	44.2	1990		46	48.1	76.8	(1)	5.0	5.0	5.0	290	270	280	352	113	0-0 0-0	-sl	110
											56.0						med-party	
332																		
299																		
246																		
205																		
1082	36.1	1623		47	71.2	76.8	0.5	6.5	6.5	6.5	200	208	204	300	100	0-0 0-0	-sl	111
											40.8						med-party	
230																		
297																		
223																		
218																		
968	32.3	1452		-	72.9	78.6	(2)	5.5	5.5	5.5	245	245	245	272	93	0-0 0-0	-0	112
																	med-party	
363																		
390																		
272																		
245																		
1270	42.3	1405		44	58.6	76.5	0.3								70	-0	flaky	113
															180			
278																		
311																		
297																		
212																		
1098	36.6	1647		45	68.8	77.2	0.2	6.8	7.0	6.9	190	219	204	276	94	sl-sl 0-0	-0	114
											40.9						med-party	

YIELD DATA				TEST	MILLING DATA											
GMS. PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD RICE	TOTAL RICE										
BU.	LBS.	BBLs.					broken	1	2	or	1	2	or	wt.	Adm Texture	
248																
281																
280																
178									19.5		19.5		79	0-0		
987	32.9	1480		44	76.0	80.2(2)	6.3	6.3	6.3	210	210	210	216	0-0	-0	
222																
169																
212																
178									18.5	20			103	0-0	-sl	
781	26.0	1172		44	75.9	79.0	0.6	6.3	6.5	6.4	189	213	201	312		
199																
155																
186																
164									22.0	19.5			98			
704	23.5	1056		44	71.6	77.4	0.2	6.0	6.0	6.0	267	225	246	292		
283																
249																
199																
190									19.0	18.0			84	0-0	-0	
921	30.7	1382		43	70.2	77.2	0.1	6.0	6.0	6.0	217	200	208	236		

Very heavy, Too much
coolest drying

115

Pasty

leaves badly damaged by hurricane
By for the better
upright leafy bit. Vigorous
part the heart

116

med flaky

leaves very badly damaged by hurricane
Superior to 11.6

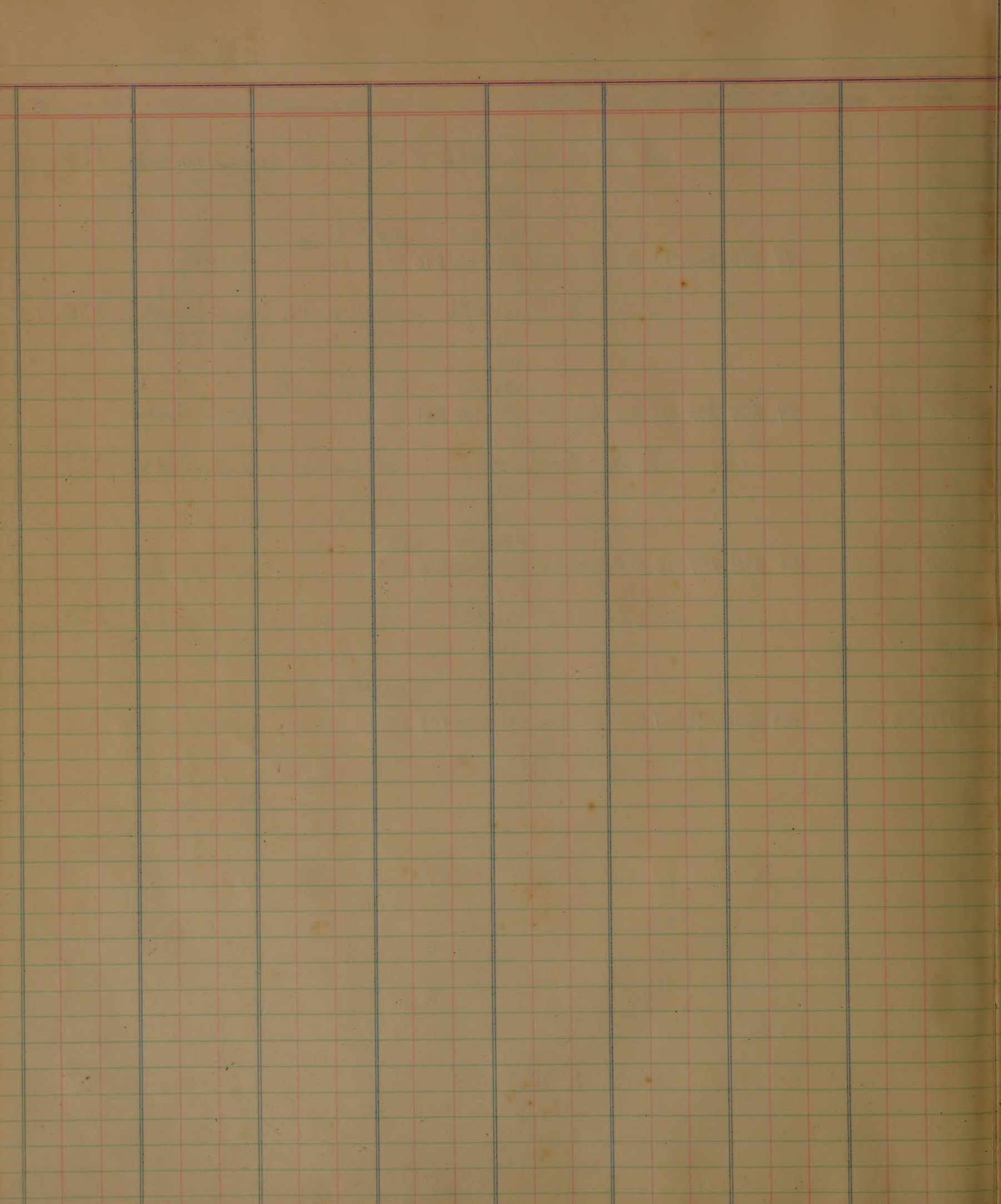
117

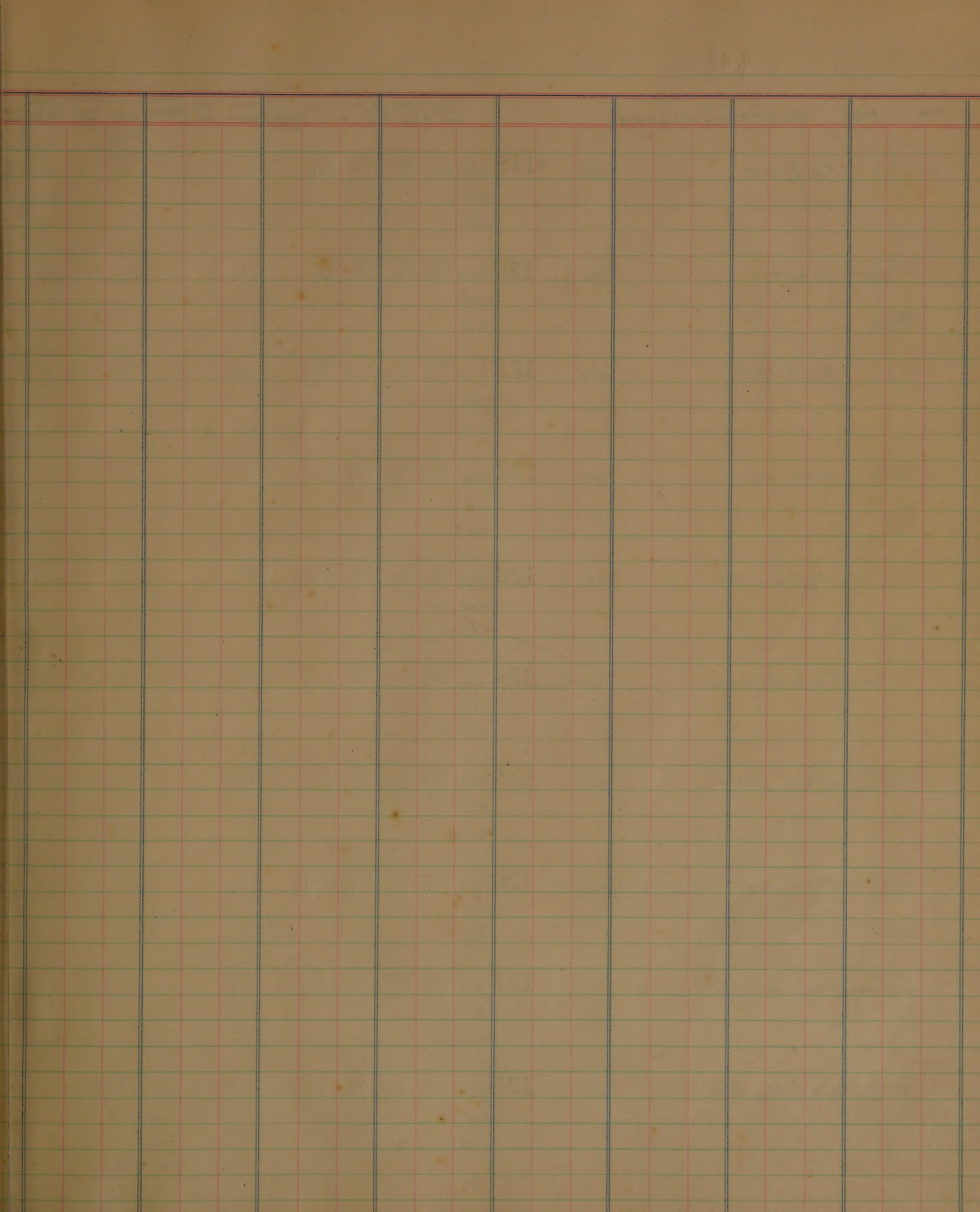
med flaky

lean straw good grain,
has the small struts, good
the type would be good to grow
in Region B or a 20% 27/15A

118

med-pasty





cut - 9/4 Shae cks in all prelims on 9/5

Rome trimmable to 9.48 ft (should use same factor as for adv nursery in determining ave yield in lb)

T.S. No.	G.H. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SHAK- TING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cercos- spora	White- fly	Enty- loma
<u>Disc</u>		B368, BR	129	119	473	7/20	7/31	8/14	8/24	40		7/17/46 8/20 20 10+ →	+	+	+
					517v										
					531v										
<u>E. Prul</u>	7787	Zenith	3	120	474	7/23	8/3	8/8	8/19	36		25 15	0	+	+
					513v										
					536v										
<u>E. Prul</u>		B372, BR	131	121	475	7/21	7/31	8/14	8/25	40		20 10+	5	+	+
					505v										
					544v										
<u>Disc</u>		B375, BR	135	122	476	7/22	8/2	8/17	8/26	40		20 10+	5	+	+
					519v										
					521v										
<u>Disc</u>		Cal-6, EP	24	123	477	7/16	7/26	8/9	8/20	42		10 5+	13	+	+
					508v										
					538v										
<u>E. Prul</u>	5883	Early Prolific	Crowley, La.	124	478	7/20	7/30	8/14	8/26	41		20 10+	15	+	+
					512v										
					541v										
<u>E. Prul</u>		B3910, EP	2113	125	479	7/19	7/30	8/8	8/20	38		20 15	5	0	+
					507v										
					534v										
<u>E. Prul</u>		B3911, EP	2134	126	480	7/25	8/8	8/17	8/27	40		30 15	0	0	+
					498v										
					526v										
<u>E. Prul</u>	19803 5451	Lady Wright	7	127	481	7/21	8/1	8/8	8/25	37		25 15	15	+	+
					510v										
					530v										
<u>Disc</u>		Cal-31, L.W.	28	128	482	7/20	7/28	8/5	8/20	38		20 10+	10	+	+
					514v										
					539v										

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.	HT. (IN.)	ING %	SHAN KATING	DISEASES H.O.	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	Cerco- spora						Warts 90%	Enty loma	
	14889 3625	Shoc med, CK.	5 et al	129	483 7/31 8/10 8/18 8/26	42		15	10	0	0	-				
					499v 532v											
<u>Dise</u>		B283A2-2-3-1-1-2, EXF	146	130	484 7/22 8/1 8/10 8/26	38		10	5	15	+	+				
					497v 537v											
<u>E Bunt</u>		B283A3-5, EXF	147	131	495 8/3 8/14 8/20 8/31	41		20	10+	0	0	+				
					518v 542v											
<u>E. Prul</u>		B283A3-7-8, EXF	148	132	486 7/31 8/8 8/18 8/27	42		20	15	10	+	+				
					500v 523v											
<u>E Prul</u>		B2918A393, BRxD	2028	133	487 7/30 8/9 8/18 8/26	43		15	15	5	0	+				
					520v 528v											
<u>E Bunt</u>		B2919A394, HxBR	2034	134	488 7/26 8/4 8/16 8/26	37		20	15	10	+	+				
					502v 540v											
<u>Dise P</u>		B3713, EXBR	141	135	489 7/31 8/9 8/22 8/2	41		20	15	10	th.	+				
					515v 533v											
<u>E Unm</u>		B2916A34-3-3-1, E xBR. 153		136	490 7/28 8/7 8/19 8/31	40		30	20	10	+	+				
					501v 527v											
<u>Dise</u>		S2920A32-3-1189, TBRxF 227		137	491 7/26 8/6 8/18 8/27	40		30	15	0	0	+				
					503v 525v											
				138												
<u>Dise</u>		B317A23, Wx F	150	V	492 7/21 7/31 8/12 8/25	38		20	15	10	0	+				
					506v 522v											

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES			PLANT LODG.		SHAT- TING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White rust	Enty- loma

E. Pril

B317A395, W x F

2048

139

493 7/26 8/5

8/19 8/29

43

30
20

5

0

+

504

529

Diser

B3313A398, Rx7689

2075

140

494 7/29 8/9

8/17 8/26

42

30
15

5

0

+

509

524

M. Pril

B326A3912, Rx5947

2264

141

495 7/26 8/23

9/20

44

30
20

0

0

511

543

Diser

B326A3913, Rx5947

2266

142

496 7/30 8/27

9/20

44

25
20

5

0

+

516

535

1207

YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
GMS. PER ROW	ACRE YIELD				HEAD RICE	TOTAL RICE
	BU.	LBS.	BBLs.			

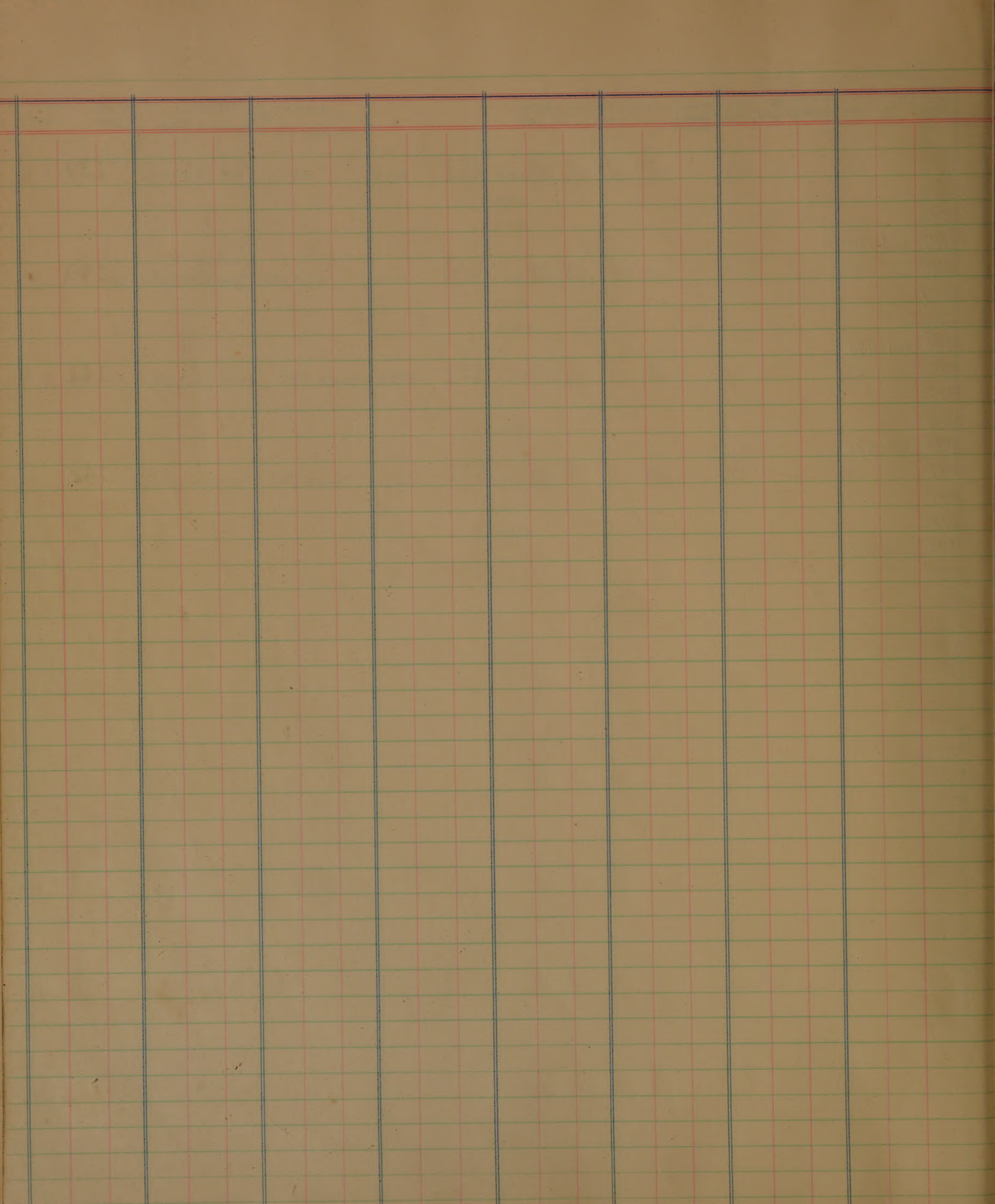
585
290
592
1467 48.9 2200
256
227
300
783 26.1 1174
352
297
307
956 31.9 1434
237
328
275
840 28.0 1260

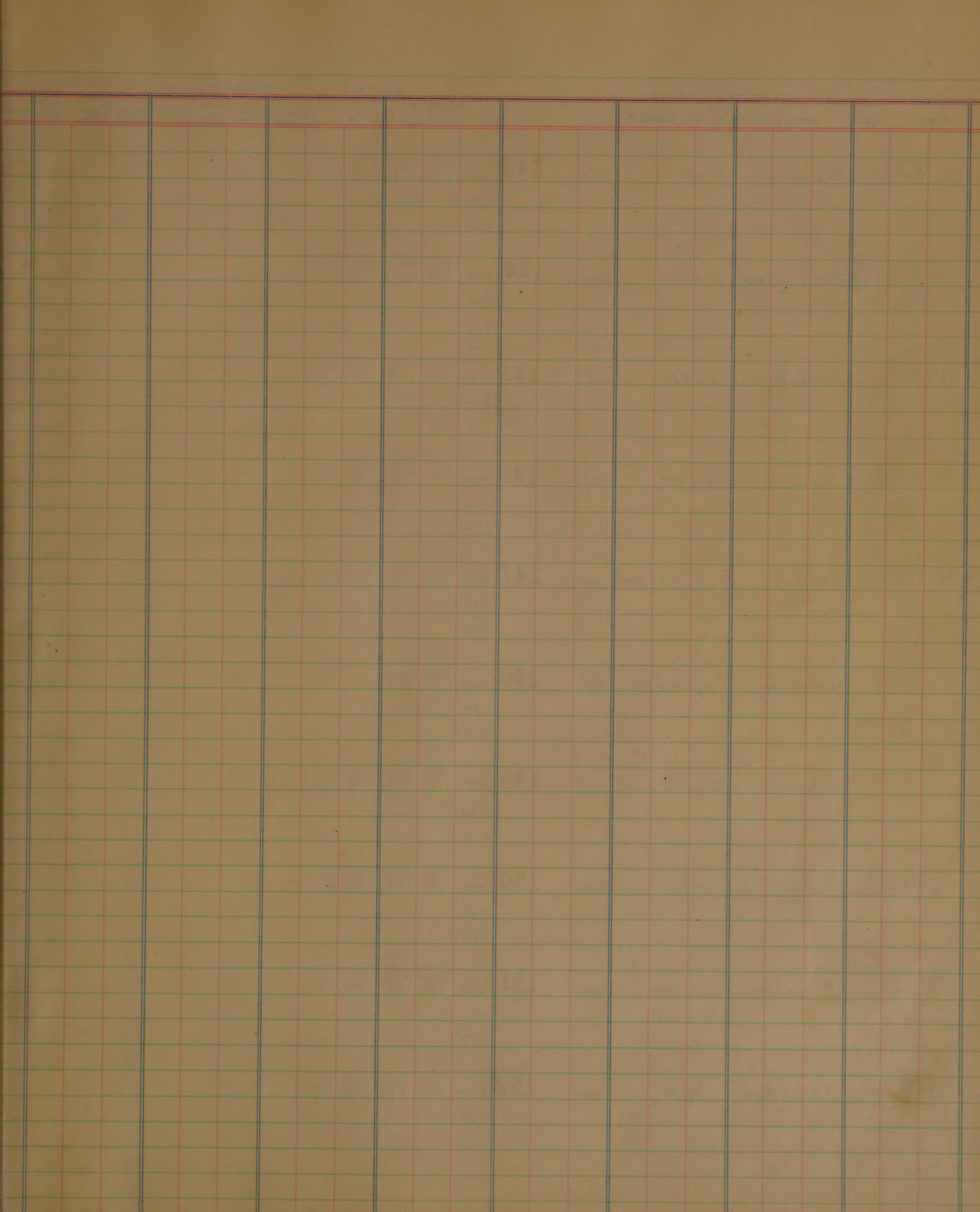
Pl. heavier than 138 139

*Fairly good line
Clean straw, excellent
quality.* 140

141

142





T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.		SHAT- TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cere- spora	White Tip	Enty- loma
M-Prel		B283A391, EXF	2002	143	545 582 603✓	8/11 8/20 9/4 9/11		39			15	15	+	0
doc very good plant material		B283A392, EXF	2014	144	546 594 615✓	9/20 9/31 9/1 9/8		43			15	0	0	0
M-Prel		B2914A36-3, CA x BR	149	145	547 577✓ 608✓	8/5 8/14 9/27 9/9		36			25	0	0	0
M-Bmt		B2914A19-3, CA x BR	161	146	548 579✓ 605✓	8/7 8/17 9/1 9/9		35			30	0	0	0
M-Prel		J2914A20-1-2-1-2, CA x BR	193	147	549 596✓ 628✓	7/30 8/9 9/24 9/7		35			30	0	0	0
M-Prel		J2914A46-1-1-1-1, CA x BR	194	148	550 587✓ 609✓	7/30 8/8 9/24 9/6		40			30	0	0	0
L-Uni		B2913A17-3-1-1-1, CO x BR	160	149	551 593✓ 616✓	8/13 8/25 9/6 9/12		41			30	10	0	0
M-Prel		B3711, Caloro	162	150	552 580✓ 623✓	8/12 8/24 9/5 9/9		39			30	5	5	+
M-Bmt		B2920A25-1-2-1-1, IBR x F	164	151	553 575✓ 617✓	8/4 8/15 9/26 9/6		42			30	0	0	0
M-Prel		B312A3915, F x EP	2288	152	554 586✓ 613✓	8/9 8/9 8/31 9/9		39			15	5	+	0

very outstanding in 1939 open room nursery.

YIELD DATA			TEST MILLING DATA		
GMS PER ROW	ACRE YIELD		PER BU. (LBS.)	HEAD RICE	TOTAL RICE
BU	LBS.	BBLs.			

414
 225
 287
 926 30.9 1389
 1
 222
 104
 138
 464 15.5 696
 321
 247
 297
 865 28.8 1298
 372
 270
 288
 930 31.0 1395
 273
 188
 238
 699 23.3 1048
 389
 237
 320
 746 31.5 1419
 356
 290
 319
 965 32.2 1448
 392
 281
 271
 944 31.5 1416
 361
 350
 340
 1051 35.0 1576
 396
 157
 222
 775 25.8 1162

Very good Plot except for ans. 143

only fair disc. glutinous variety 144

Heavy for grain but photo. good. 145

short straw, Heavy grain ++ H.D. good. 146

only fair disc. 147

64 ob' med party Very good, also good straw. Good thick base. maybe under the cutting number, check original number. 148

62 O med party Excellent, clean straw good and grain type. 149

64 O med party Very good, heavy 150

good, uniform in fortune, but the quality 151

much stinkiness 152

T.S.		O.I.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAT- TERING	DISEASES			
No.	No.	HEADING 1ST FULL			RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Cerco- spora		White Tip	Enty- lonia		
dise	6756		197	153	555	8/10 9/24	9/5 9/14		38			30	5	+	5
					578 ✓ 618 ✓										
dise	6812		198	154	556	8/11 8/24	9/5 9/13		40			30	0	0	0
					590 ✓ 607 ✓										
M-Prel	19799	1561-1	Caloro	45	155	557	8/1 8/12	8/27 9/6		38		30	5	+	+
					584 ✓ 621 ✓										
M-Prel	19882	1988	Acadia	89	156	558	8/10 8/24	9/5 9/13		39		30	0	0	0
					598 ✓ 629 ✓										
dise			B321A396 , RxD	2061	157	559	8/5 8/16	9/25 9/5		38		30	0	0	0
					601 ✓ 612 ✓										
dise			B321A2-7-1-1-1-2, RxD	157	158	560	8/4 8/17	9/24 9/5		40		25	0	0	+
					595 ✓ 614 ✓										
dise			B321A2-13-4-1, RxD	169	159	561	8/6 8/17	9/30 9/6		39		30	0	0	5
					599 ✓ 624 ✓										
M-Prel	8076	1206	Delitus	160	160	562	7/30 8/13	9/17 9/1		38		30	0	0	5
					597 ✓ 625 ✓										
dise			B322A3-3, RxF	173	161	563	8/6 8/17	8/24 9/3		38		30	0	0	+
					600 ✓ 606 ✓										
M-Prel			B322A3-6, RxF	174	162	564	8/9 8/20	8/26 9/6		40		30	0	0	+
					588 ✓ 620 ✓										

YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
GMS. PER ROW	ACRE YIELD				HEAD RICE	TOTAL RICE
	BU.	LBS.	BBLs.			

365 *only fair, deep* 153

261

315

941 31.4 1412

366

73 0 *not flaps* Best as compared to 154

203

280

*color same as 6756
only a little thinner*

849 28.3 1274

350

good 155

256

298

904 30.1 1356

391

good 156

222

319

932 31.1 1398

255

only fair, Prodder 157

213

204

672 22.4 1008

322

only fair, Prodder 158

222

270

814 27.1 1221

248

only fair, Prodder 159

219

196

663 22.1 994

240

only fair 160

158

193

591 19.7 886

308

only fair 161

223

323

854 28.5 1281

330

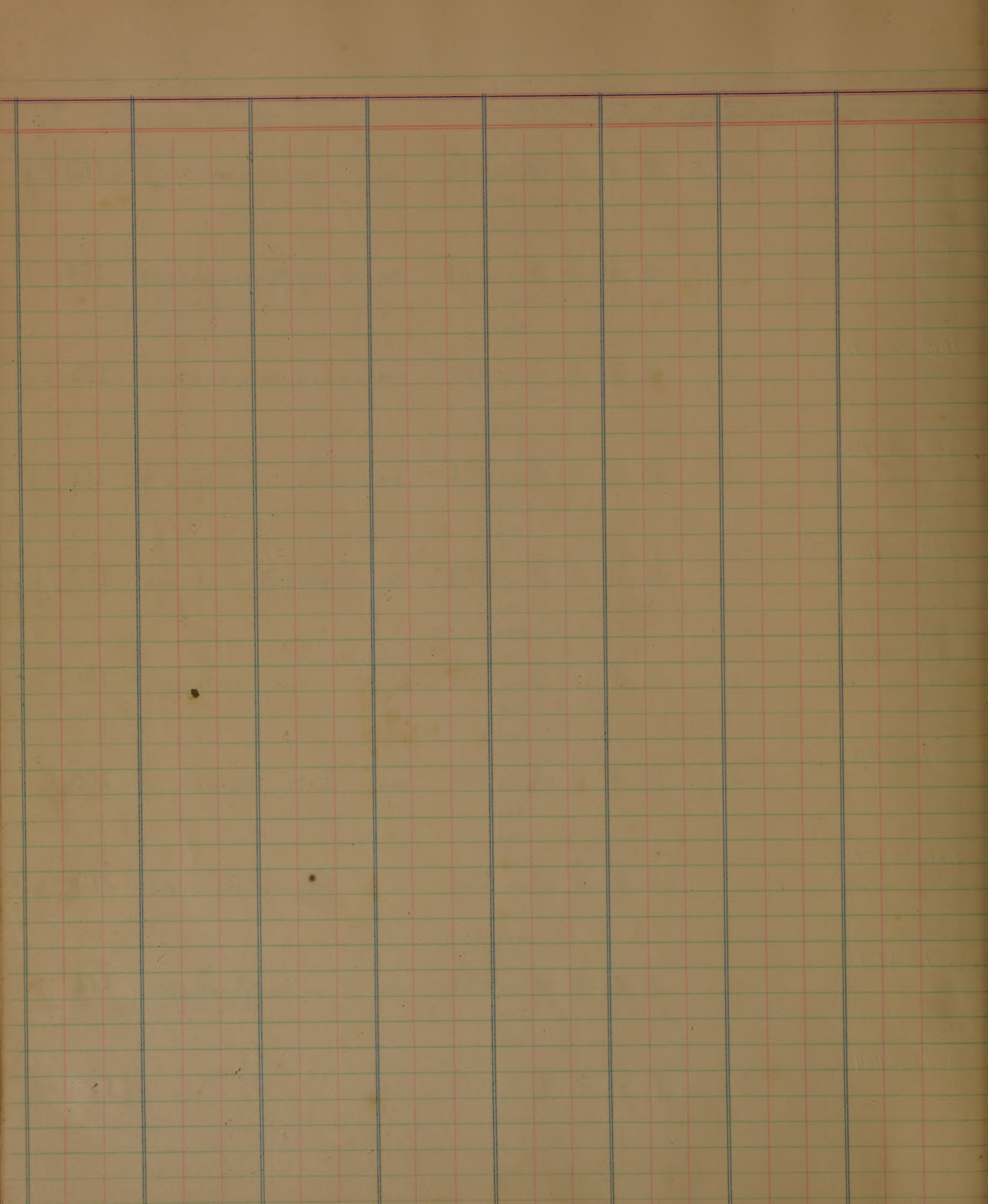
fairly good, abt same 162

252

313

895 29.8 1342

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG-		SHAT- TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spots	White tip	Enty- lems	
M-Prel 9821	1344	FORTUNA, (Texas)	50	163	565 576 611	8/9 8/23 8/27 9/8	40	30	00	+					
M-Uni	B322A4-6-3,	RxF	178	164	566 585 630	8/9 8/24 8/29 9/8	41	30	00	+					
disc	B323A2-8-2-1-1,	R x SBR	185	165	567 602 610	8/3 8/14 8/25 9/5	40	30	00	-					
M-Bunt	B324A1-11-2-1-1,	R x S094	186	166	568 581 619	8/9 8/22 8/26 9/4	39	35	00	+					
M-Prel	B328A1-3-1-2,	EP x F	187	167	569 589 622	8/2 8/13 8/25 9/4	40	25	00	+					
M-Prel 19889	3625	SHOEMED, CK.	5 et al	168	570 591 631	8/1 8/10 8/17 8/27	41	15 10	00	0					
disc	B3310A397,	7689 IE	2072	169	571 583 627	8/12 8/24 7/1 7/9	46	25	00	0					
M-Prel	B3318A399,	7689 xF	2086	170	572 574 604	8/2 8/12 8/25 9/3	36	5 4700 type	00	0					
M-Prel	B332B3916,	R x 7482	2301	171	573 592 626	8/6 8/25 9/3 7/10	44	30	00	+					
				172											



T.S.	G.I.	VARIETY NAME	DATES	PLANT LODG-	DISEASES							
No.	No.	OR SELECTION NUMBER	HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	SHAT- TERING	H.O.	Cercos- pora	White Tip	Enty- loma
Late L-Prel		B368, KxH.	229	172	632 8/23 9/1	9/3 9/18	41		10	0		
					696							
					736							
L-Prel		B2911A18-1-I-C, KxH	3028	173	633 8/31 9/7	9/16 9/28	42		5	0		
					710							
					766							
L-Prel		B2911A18-1-I-D, KXH	3030	174	634 9/1 9/9	9/18 9/28	40		5	0		
					722							
					746							
L-Prel		B292A393I, CO x E	3045	175	635 9/15 9/24	10/14	41		5	tR		
					717							
					769							
L-Prel		B3934, Mod x Short	3211	176	636 9/1 9/16	9/24 10/1	40		15	0		
					692							
					740							
L-Prel		B3935, Mod x Short	3217	177	637 9/9 9/17	9/24 10/12	40		15	5R		
					684							
					738							
Disc acc quality		B283A3914, EP x F	2281	178	638 8/18 9/28	9/14 9/22	40		5	10 sec		
					682							
					765							
L-Prel		B322A3932, RxF	3105	179	639 9/14 9/24	10/12	45		20	0		
					729							
					772							
M-Prel		B322A4-1-1-1, RxF	211	180	640 8/13 8/24	9/1 9/7	39		10	tR		
					728							
					731							
M-Prel		B322A4-12, RxF	212	181	641 8/19 8/28	9/4 9/11	37		10	tR		
					703							
					774							

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		DATES				PLANT LODG.		SHAD- TERING	DISEASES		
				HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerc- spora	White fly
<u>L-Prel</u> 1994/1779		Rexoto	92	182 642 701 735	9/11 9/22 10/3 10/15			42			15	T-R	
<u>dis</u> , <u>all grain slope</u>		B323A3-4-1-1-1, RxSBR	214	183 643 725 776	9/20 9/30 9/9 9/21			35			10	0	
<u>dis</u> , <u>tomato grain</u>		B323A3-13-1-1-1, RxSBR	215	184 644 720 732	8/25 9/1 9/10 9/24			38			5	0.105 24	
<u>dis</u>		B323A1-1-3-1-1, RxSBR	216	185 645 727 737	8/24 9/1 9/11 9/25			36			15	0	
<u>L-Bmt</u>		B323A3-1-1-1, RxSBR	217	186 646 715 762	9/1 9/10 9/21 9/28			41			5	t-R	
<u>dis</u> <u>all grain</u>		B323A3-5-3, RxSBR	220	187 647 718 778	8/23 9/3 9/14 9/26			36			5	0	
<u>L-Prel</u>		B323A3-14, RxSBR	221	188 648 721 751	9/1 9/9 9/25 10/4			36			5	t-R	
<u>dis</u>		B3717, RxSBR	222	189 649 723 748	9/6 9/16 10/10			40			10	5R	
<u>L-Prel</u>		B323A 5-12, RxSBR	183	190 650 704 761	9/3 9/14 9/24 10/4			40			5	5R	
<u>L-Prel</u> 7183 1962		Blue Rose	91	191 651 689 758	9/20 8/30 9/7 9/26			39			10	15	

YIELD DATA			TEST	MILLING DATA						
GMS.	ACRE YIELD		PER							
PER ROW	BU.	LBS.	BBLs.	BU. (LBS.)	HEAD RICE	TOTAL RICE				
517									1/2 good	182
521										
375										
1413	47.1	2120								
405									good	183
375										
242										
1022	34.1	1533								
375									good Very little	184
406									leaves dry, gold hulls,	
275									not very deep	
1056	35.2	1584					54-0 rdn		recapitated not bad on	
402							med-pasty		only a few plants	
423									Problems none here	
236									leaky, considerable leaf	185
1061	35.4	1592							drying not as good as 184	
417									very little grain	
292									good med grain type	
281									good grain texture	
990	33.0	1485							very good, Epcu-like	186
496									grain type is pearly type	
357									very little drying	
279									few weed seeds	
1132	37.7	1698							uniform, rather short stem	187
495									leaky, leafy, heavy	
505									gold hulls	
394										
1394	46.5	2091							very similar to 187	188
532									slight straw hulls	
448										
341										
1321	44.0	1982								
486										
549									very good, taller than	190
373									most R. & B. lines,	
1408	46.9	2112					60-0		not as leafy & less drying	
485									Admire it, good yield & quality	
386									leaky	191
297										
1168	38.9	1752								

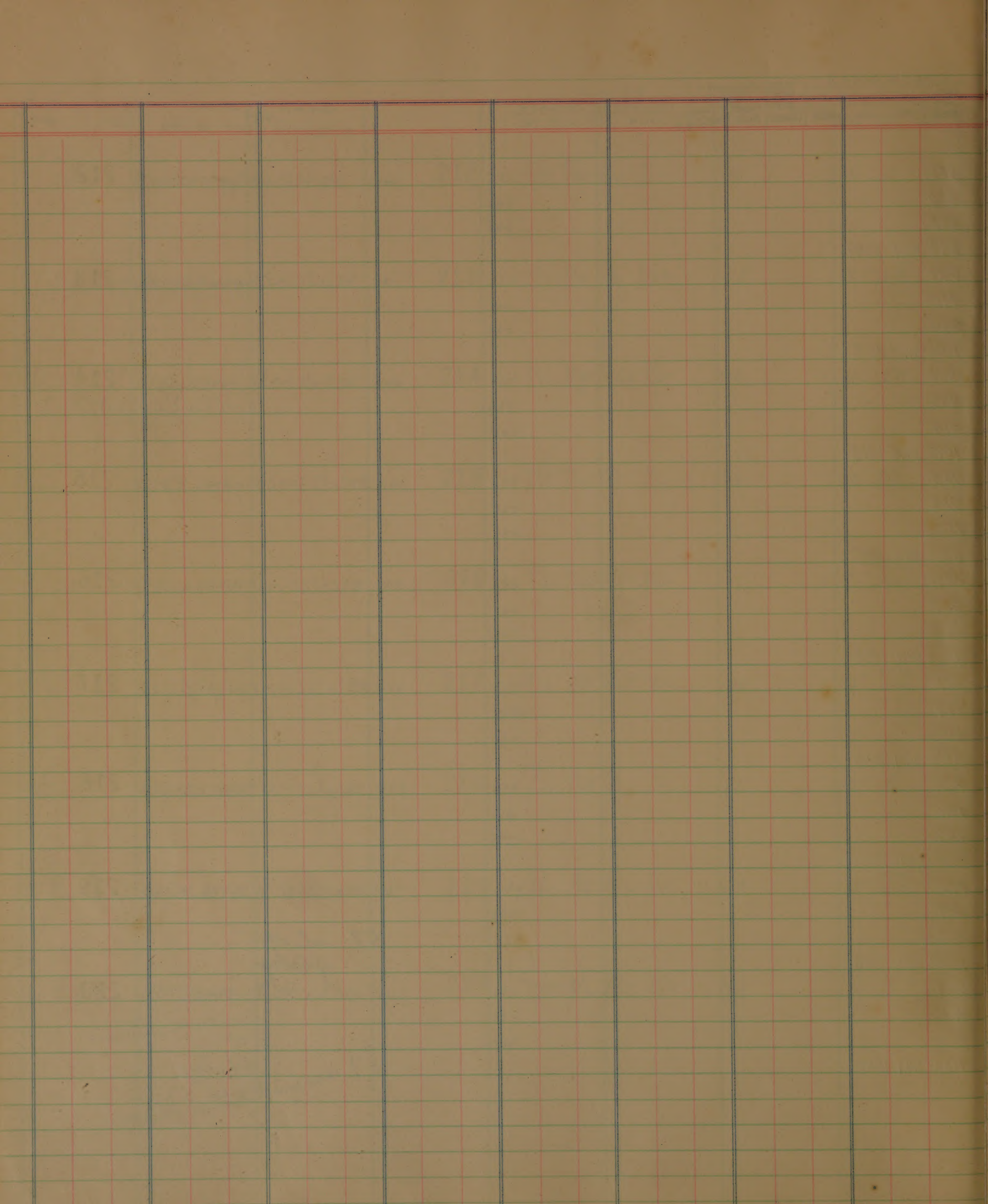
T.G. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG-		SHAT- TERING	DISEASES				
					HEADING 1ST FULL	RIPENING 1ST FULL			HARV- ESTED	HT. (IN.)		ING %	H.O.	Cerco- spora	White tip	Enty- loana
L-Prel		B324A1-14-3, Rx5094	223	192	652	9/3	9/14	9/25	10/6	38			5	Tr-R		
					714											
					771											
?		B326A 3933, Rx5947,	3146	193	653	8/29	9/5	9/10	10/1	45				0		
					686											
					744											
L-Bunt		B347B3928, RxN	2954	194	654	9/6	9/16	9/26	10/6	40			5	tr R		
					708											
					750											
dsc		B332B 3917, Rx7482	2312	195	655	9/2	9/15	9/27	10/1	42			5	5 seg		
					683											
					742											
L-Prel?		B337B3918, 7482 x 5094	2347	196	656	8/19	9/29	9/13	9/24	40			5	15		
					724											
					754											
L-Prel		B3310A3924, 7689 x E	2430	197	657	8/29	9/6	9/10	9/25	40			5	5R		
					690											
					749											
dsc as similar to 199		B3313A3925, Rx7689	2443	198	658	8/31	9/9	9/15	10/1	38			5	0		
					716											
					770											
L-Bunta		B3313A 3926, Rx7689	2445	199	659	9/1	9/9	9/16	10/1	39			5	0		
					699											
					784											
L-Prel	19882 1989	Acadia	89	200	660	9/10	8/24	9/5	9/17	36				tr		
					688											
					756											
L-Prel		B352A3-2, K x R	180	201	661	9/17	9/27		10/20	38				0		
					719											
					730											

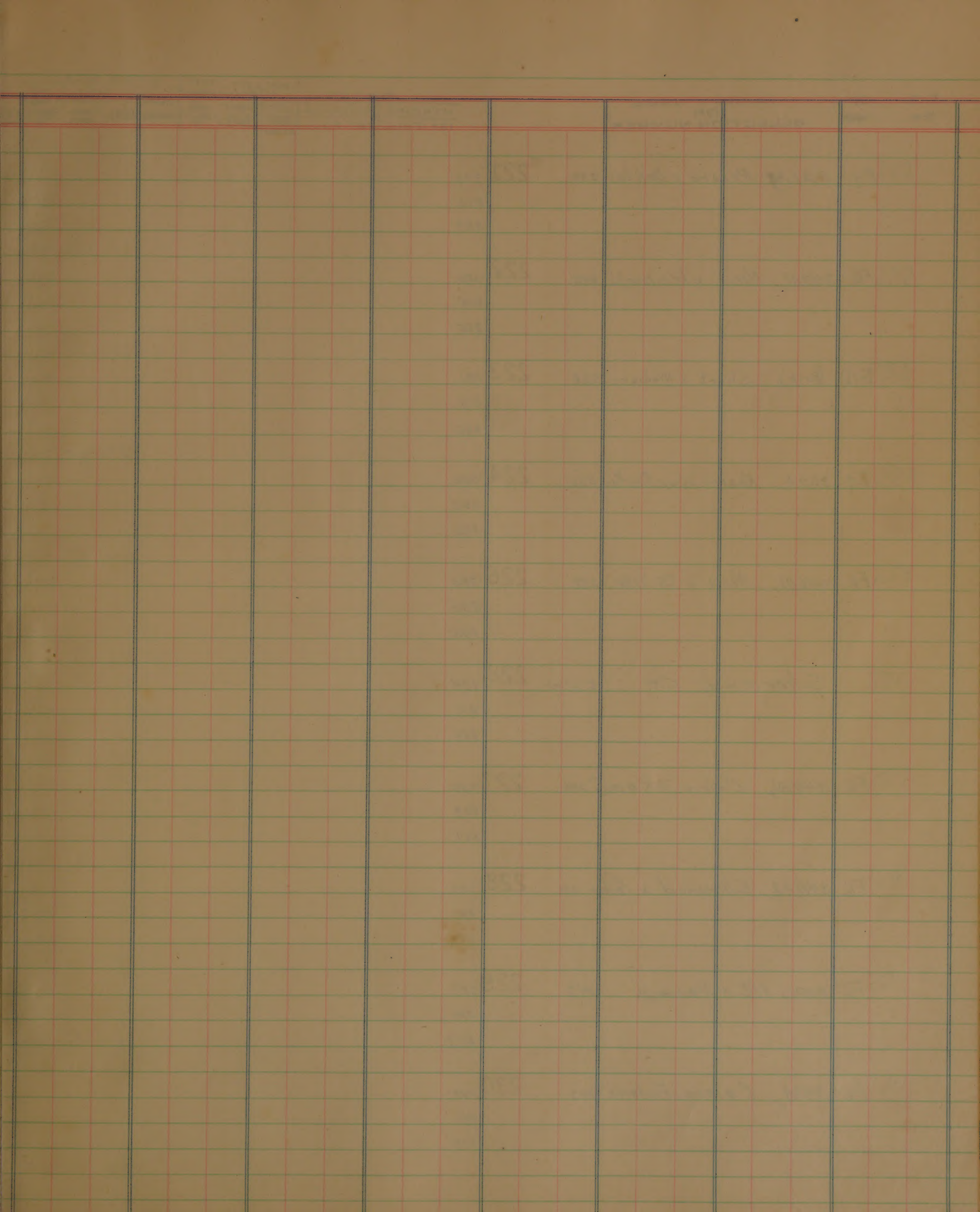
T. S.	O. I.	VARIETY NAME OR SELECTION NUMBER		DATES	PLANT LODG.	SHAT- TERING	DISEASES					
No.	No.			HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.	Cerco- spora	White Tip	Enty- lous
disc 19947		Tamasari-218-7	199	202	662 8/15 8/24 9/2 9/6		35		10	0?		
					726							
					753							
L-Prel		B3714, BR	200	203	663 9/4 9/16 9/28 10/6		40		15	8-15 seg		
					711							
					777							
disc all similar to B3716		B3715, Nira	201	204	664 9/5 9/16 10/1 10/13		40		15	0		
					697							
					739							
L-Prel		B3718, BR	203	205	665 9/14 9/25 10/6		39		5	5 seg		
					695							
					734							
L-Prel 19889 3625		Shoemed, CK	5 et al	206	666 8/1 8/18 8/27		38		5	0		
					713							
					767							
disc		B351A92, KXS	204	207	667 8/25 seg 9/10 9/27		41		5	0		
					706							
					763							
disc		B314A8-2-1-4, SPXSS	7122	208	668 9/1 9/10 9/15 9/2		39		tr	0		
					691							
					743							
disc		B3512A3936, (SPXSS) X SBR 7130		209	669 9/8 8/30 9/12 9/22		34		5	tr R		
					693							
					775							
disc		B3512A3937, (SPXSS) X SBR 7131		210	670 9/8 8/29 9/9 9/23		38		tr	10 seg		
					698							
					759							
disc		B3512A3938, (SPXSS) X SBR 7137		211	671 9/8 8/29 9/9 9/22		40		0			
					700							
					755							

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER		D A T E S				PLANT LODG-		SHAT- TERING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %	H.O.		Cerco- spora	White Tip	Enty- loma	
disc		B3512A3939, (SPxSJ)xSBR	7140	212	672	8/19 8/30 9/10 9/22	40				10	0		
					694									
					747									
disc		B3512A3940, (SPxSJ)xSBR	7141	213	673	9/20 9/2 1/10 9/22	38				5	5R		
					705									
					757									
L-Pul		B3512A3941, (SPxSJ)xSBR	7142	214	674	8/26 9/9 1/23 9/30	42				10	5R		
					687									
					741									
disc		B3512A3942, (SPxSJ)xSBR	7149	215	675	8/15 8/25 1/5 9/16	34				15	LR		
					707									
					752									
disc		B3512A3943, (SPxSJ)xSBR	7150	216	676	8/16 8/28 1/10 9/20	39				5	0-20 seg		
					709									
					773									
L-Pul?		B3512A3944, (SPxSJ)xSBR	7158	217	677	8/26 9/5 1/22 9/30	40				5	0-10 seg		
					702									
					760									
disc		B3512A3945, (SPxSJ)xSBR	7162	218	678	8/18 8/29 1/9 9/17	38				10	0		
					712									
					745									
L-Bunt		B3512A3946, (SPxSJ)xSBR	7167	219	679	9/21 9/6 1/12 1/25	39				5	seg 0-10		
					685									
					733									
L-Bunt		B34A3947, BR x 5309	7209	220	680	9/25 9/2 1/7 1/27	38				5	tr or regurgating		
					681									
					768									

YIELD DATA				TEST	MILLING	
GMS.	ACRE YIELD			PER	DATA	
PER	BU.	LBS.	BBL.	BU.	HEAD	TOTAL
ROW				(LBS.)	RICE	RICE

296							Poor, disc	212
357								
245								
898	29.9	1347						
225							Very poor, dry, starchy	213
211								
210								
646	21.5	969						
348								214
433							growth habit like SpvST parent	
314								
1095	36.5	1642						
123							Very poor, discard	215
202								
125								
450	15.0	675						
289							Poor, discard	216
351								
285								
925	30.8	1388						
301							Poor, discard	217
347								
214								
862	28.7	1293						
209							Poor, discard	218
250								
159								
618	20.6	927						
296							Better than other SpvST	219
409								
332								
1037	34.6	1556					57 sl odor flaky	
324							Wegard on R.R.	220
416							not as deep, no deepening	
282							appearance is not dark enough to	
1022	34.1	1533					57 modified flaky Relative flavor	





T.S. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.	SHAT- TERING	DISEASES								
		HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED			HT. (IN.)	ING %	H.O.	Cerco- spora	White Tip	Enty- loma			
F9	321A, Rexoro x Delitas 233	221	779	812											
				843											
F6	343A1, Nira x Kameji 245	222	780	819											
				855											
F10	(Bulk) Short x Medium 238	223	781	817											
				866											
F9	323A, Rexoro x Sup Blue Rose 235	224	782	825											
				853											
F6	3416A1, Nira x TS-7190 258	225	783	830											
				845											
	Shoemed, CK. 5 et al	226	784	811											
				859											
F6	344A1, Caloro x Kameji 246	227	785	809											
				861											
F6	3411A2, Shoemed x Caloro 253	228	786	837											
				842											
F6	345A1, 81C x Kameji 247	229	787	814											
				857											
F6	341A, Caloro x Fortuna 243	230	788	816											
				839											

YIELD DATA			TEST	MILLING DATA	
GMS. PER ROW	ACRE	YIELD	PER BU. (LBS.)	HEAD RICE	TOTAL RICE
382					221
423					
336					
1141	38.0	1712			
320					222
425					
383					
1178	39.3	1767			
344					223
491					
394					
1229	41.0	1844			
359					224
490					
321					
1170	39.0	1755			
349					225
412					
342					
1103	36.8	1654			
332					226
348					
381					
1061	35.4	1592			
310					227
366					
340					
1016	33.9	1524			
469					228
497					
392					
1358	45.3	2037			
347					229
325					
262					
934	31.1	1401			
455					230
531					
420					
1406	46.9	2109			

YIELD DATA			TEST	MILLING	
GMS PER ROW	ACRE YIELD		PER BU. (LBS.)	DATA	
	BU.	LBS.	BBLs.	HEAD RICE	TOTAL RICE

305

389

402

1094 36.5 1641

350

367

304

1021 34.0 1532

353

430

316

1099 36.6 1648

373

497

431

1301 43.4 1952

406

454

518

1378 45.9 2067

422

342

311

1075 35.8 1612

379

441

379

1199 40.0 1798

300

304

302

906 30.2 1359

343

354

305

1002 33.4 1503

309

368

268

945 31.5 1418

231

232

233

234

235

236

237

238

239

240

T.S. No.	S.T. No.	VARIETY NAME OR SELECTION NUMBER		DATES			PLANT LOGG-		SHAP- TERING	DISEASES			
				HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma
F7		3313A, Rexoro X 7689	241	241	799								
					827								
					865								
		11-Variety Composite	260	242	800								
					831								
					868								
F7		3310A, 7689 x Edith	240	243	801								
					833								
					850								
F6		347A1, Rexoro x Nita	249	244	802								
					822								
					864								
F6		3410A3, 81C x Shoemed	252	245	803								
					810								
					860								
		Blue Rose (TS-7183)	261	246	804								
					815								
					852								
F6		3415A1, Kameji x TS-7190	257	247	805								
					828								
					841								
F9		322A, Rexoro x T. Fort.	234	248	806								
					826								
					849								
F6		3414A1, Delitas x TS-7190	256	249	807								
					838								
					854								
F6		3417A1, TS-7190 x Rexoro	259	250	808								
					836								
					846								

YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
GMS. PER ROW	ACRE YIELD				HEAD RICE	TOTAL RICE
	BU.	LBS.	BBLs.			

508

488

516

1512 50.4 2268

457

483

498

1438 47.9 2157

470

438

437

1345 44.8 2018

369

385

391

1145 38.2 1718

370

433

315

1118 37.3 1677

373

514

420

1307 43.6 1960

328

391

308

1027 34.2 1540

377

521

415

1313 43.8 1970

358

367

304

1029 34.3 1544

351

359

321

1031 34.4 1546

241

242

243

244

245

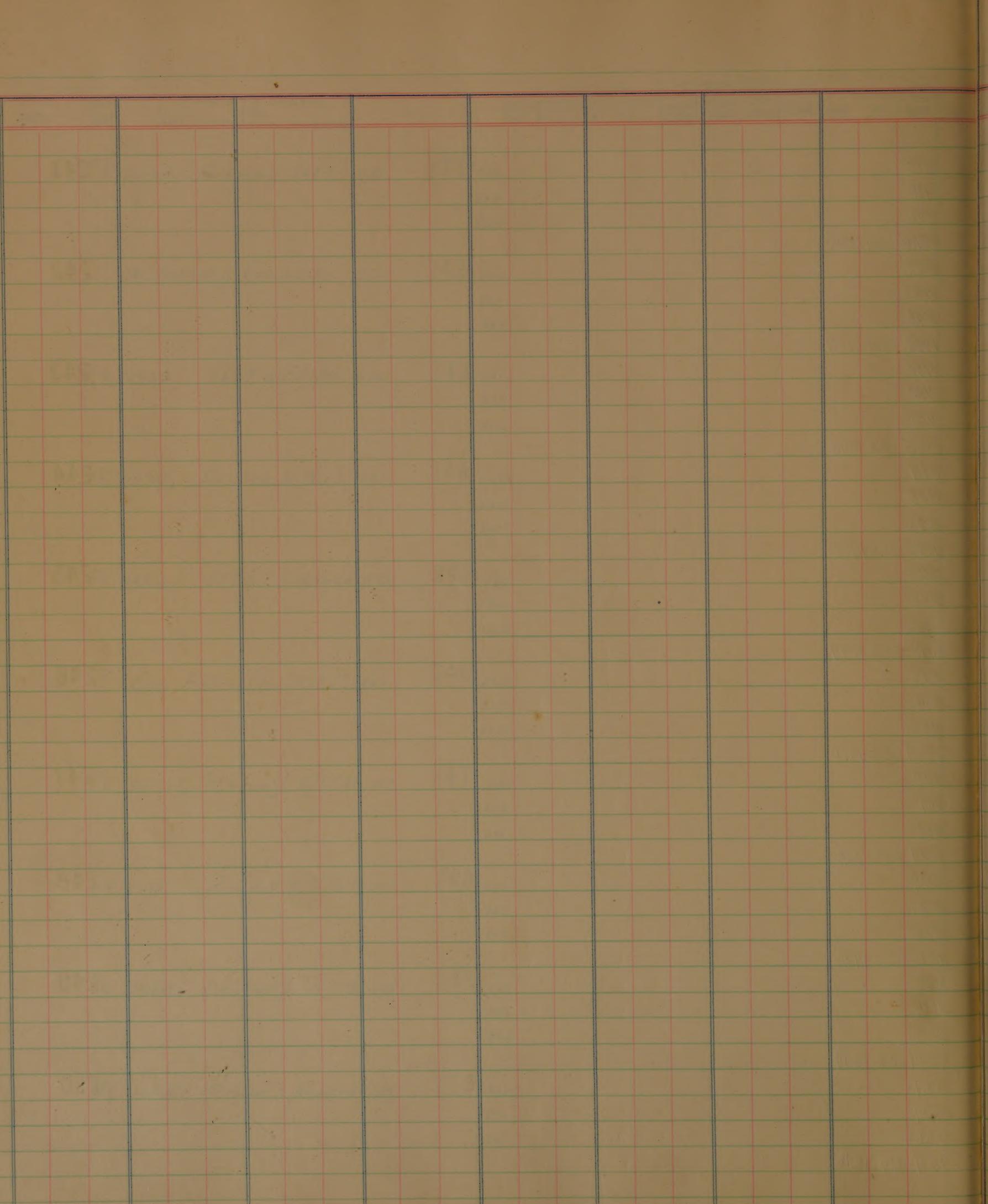
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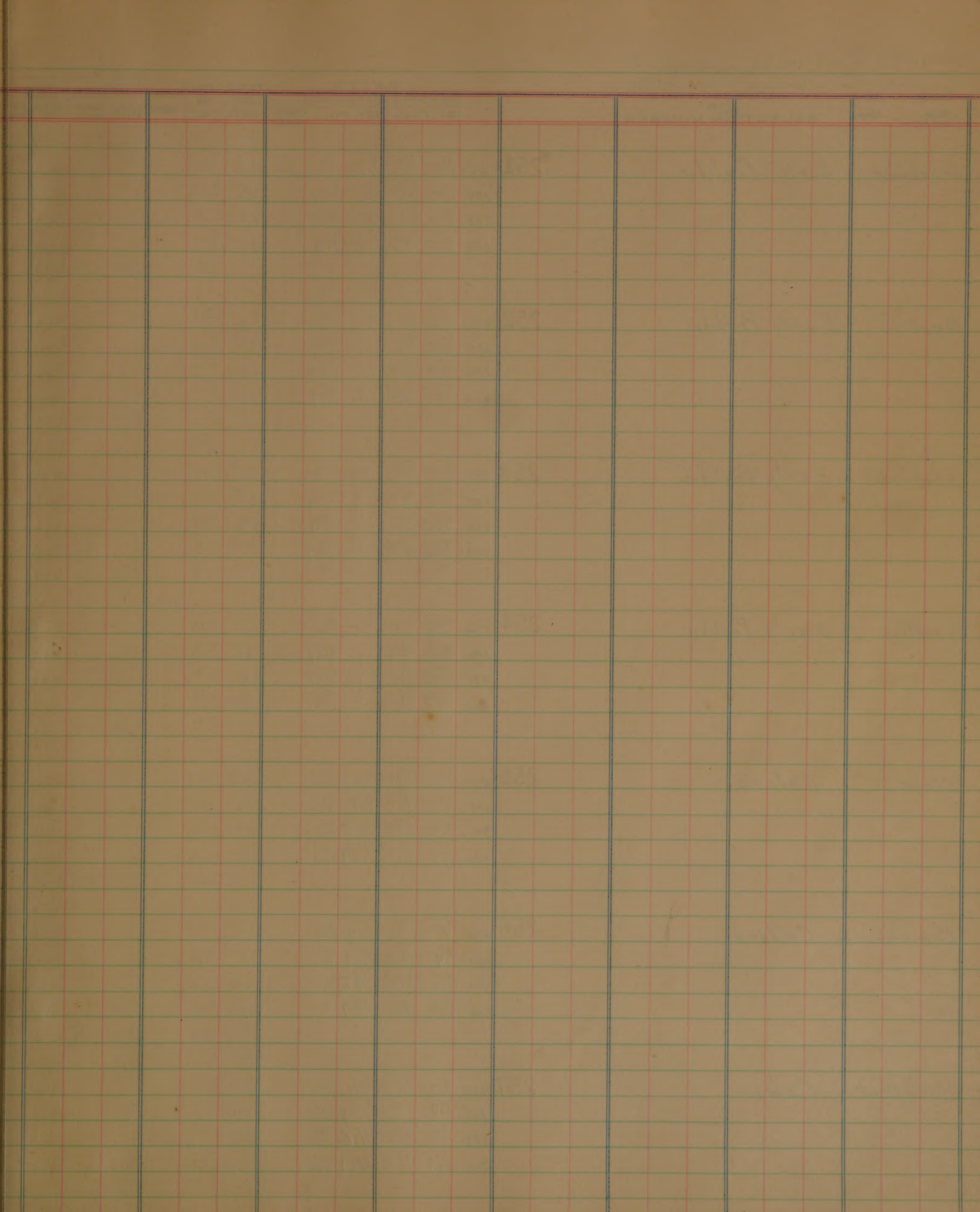
247

248

249

250





No. Source	No.	VARIETY NAME OR SELECTION NUMBER	DATES				PLANT LODG.		SHAW TERING	DISEASES			
			HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerc- spora	White fly	Enty- loma
Beaumont		Early Prolific	251	869	7/27	8/4	8/15	8/30	9/7	36			
				884	7/27	8/5	8/15	8/29		35			
				893	7/24	8/4	8/15	8/29		37			
				902	7/25	8/5	8/15	8/29		35			
					7/26			8/29		36			
Biggs		Early Prolific	252	870	7/26	8/4	8/15	8/30		36			
				887	7/25	8/5	8/15	8/29		35			
				892	7/24	8/4	8/15	8/29		36			
				904	7/25	8/5	8/15	8/29		34			
					7/25			8/29		35			
Stuttgart		Early Prolific	253	871	7/27	8/4	8/15	8/30		35			
				885	7/26	8/5		8/29		35			
				894	7/25	8/4		8/29		37			
				903	7/26	8/5		8/29		35			
					7/26			8/29		36			
Crowley		Early Prolific.	254	872	7/25	8/4	8/15	8/30		37			
				886	7/24	8/5		8/29		37			
				891	7/24	8/4		8/29		38			
				905	7/25	8/5		8/29	✓	36			
					7/25			8/29		3.7			
Biggs		Caloro	255	873	8/4	8/12	8/27	9/7		32			
				881	8/4	8/12	8/27	9/6		37			
				901	8/4	8/12	8/26	9/8		34			
				906	8/5	8/12	8/27	9/6		33			
					8/4			9/7		34			
Beaumont		Caloro	256	874	8/5	8/12	8/27	9/7		32			
				883	8/4	8/12	8/27	9/6		37			
				900	8/3	8/12	8/26	9/8		34			
				908	8/3	8/12	8/27	9/6		34			
					8/4			9/7		35			
Stuttgart		Caloro	257	875	8/5	8/12	8/27	9/7		33			
				882	8/4	8/12	8/27	9/6		37			
				899	8/4	8/12	8/26	9/8		34			
				909	8/4	8/12	8/27	9/6		34			
					8/4			9/7		35			

Differences in ht prob. due to differences
in thickness of stand in all cases

YIELD DATA				TEST PER		MILLING DATA	
QMS.	ACRE YIELD			BU.	HEAD	TOTAL	
PER ROW	BU.	LBS.	BBLs.	(LBS.)	RICE	RICE	

252 43

239 43

259 43

223 43

973 32.4 1460 43

320 43

315 45

307 44

206 43

1148 38.3 1722 44

242 43

260 43

263 43

214 43

979 32.6 1468 43

278 43

249 43

250 43

208 44

985 32.8 1478 43

324 45

346 45

248 45

236 45

1154 38.5 1731 45

288 44

310 44

245 44

227 44

1070 35.7 1605 44

242 45

290 46

246 44

250 45

1028 34.3 1542 45

251

252

253

254

255

256

257

7-5 No.		8-1 No.		VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG-		SHAT- TERING	DISEASES				
					HEADING	RIPENING		HARV- ESTED	HT.		ING	H.O.	Cerro- spora	White Tip	Ente- loma
					1ST FULL	1ST FULL			(IN.)		%				

Crowley - Caloro

258	876	8/3	8/11	8/26	9/7		34					
	880	8/2	8/12	8/27	9/6		37					
	898	8/3	8/11	8/26	9/8		36					
	907	8/3	8/11	8/27	9/6		35					
		8/3			9/7		36					

Crowley - Fortuna

259	877	8/16	8/27	9/4	9/12		39					
	888	8/18	8/26	9/4	9/11		45					
	895	8/17	8/26	9/4	9/12		44					
	910	8/17	8/26	9/3	9/10		44					
		8/17			9/11		43					

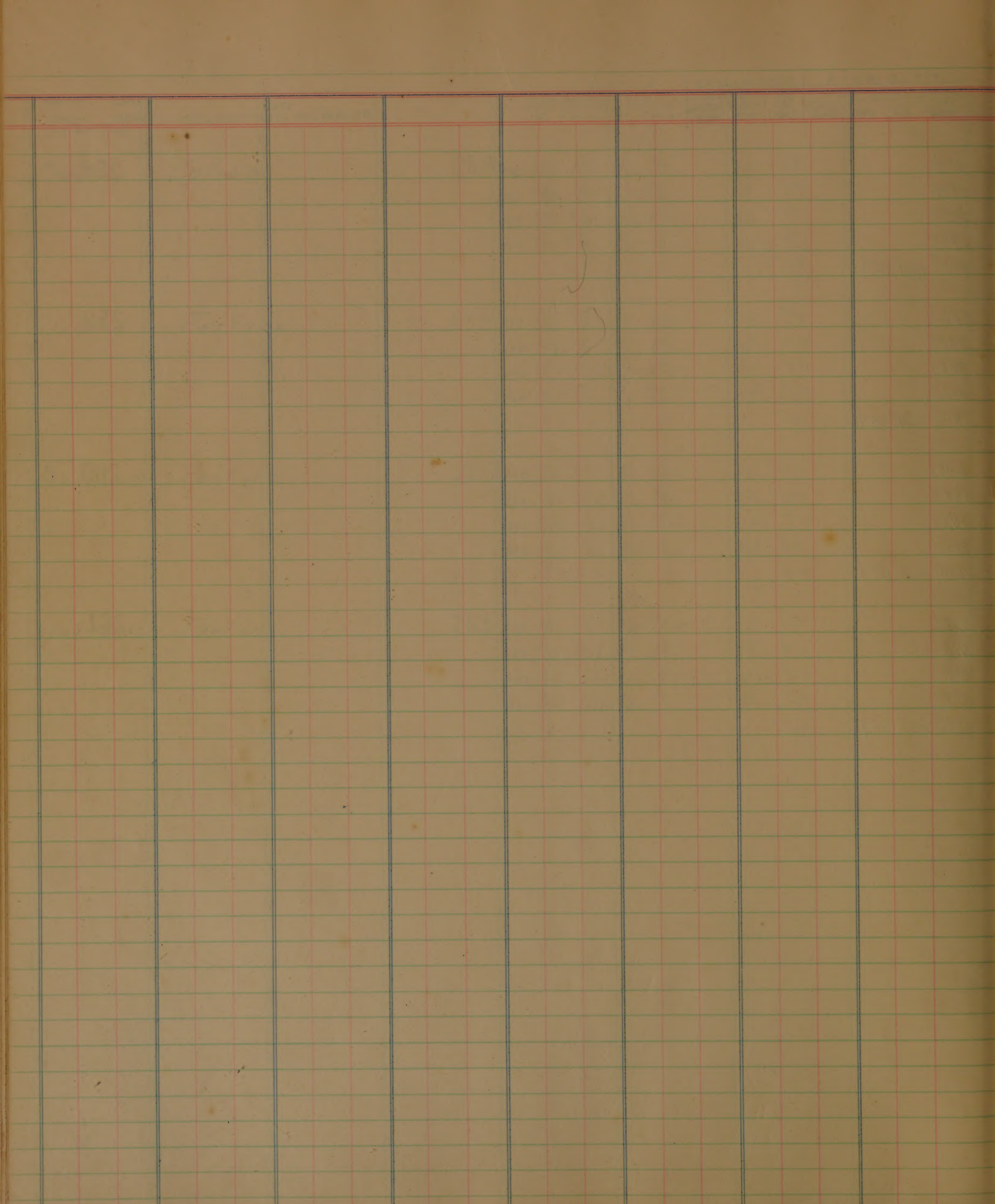
Beaumont - Fortuna

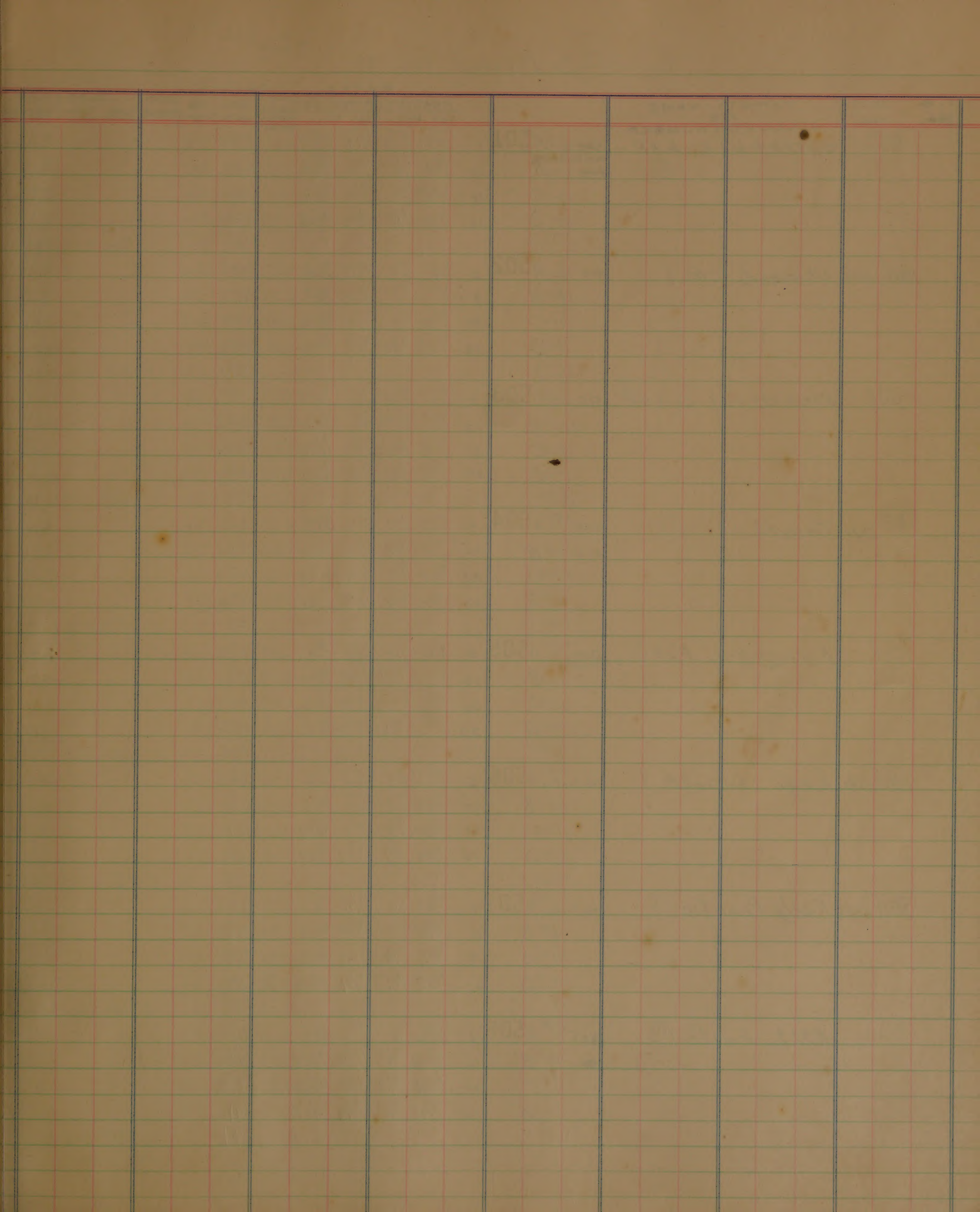
260	878	8/16	8/27	9/4	9/12		38					
	890	8/17	8/26	9/4	9/11		44					
	896	8/16	8/26	9/4	9/12		42					
	912	8/17	8/26	9/3	9/10		43					
		8/17			9/11		42					

Stuttgart - Fortuna

261	879	8/16	8/27	9/4	9/12		38					
	889	8/18	8/26	9/4	9/11		44					
	897	8/17	8/26	9/4	9/12		42					
	911	8/17	8/26	9/3	9/10		43					
		8/17			9/11		42					

YIELD DATA				TEST	MILLING DATA	
GMS. PER ROW	ACRE YIELD		BU. (LBS.)	HEAD RICE	TOTAL RICE	
ROW	BU.	LBS.	BBLs.			
1						
2						
3						
4						
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100						





Harvested 8/30 + 31 except 505 9/5

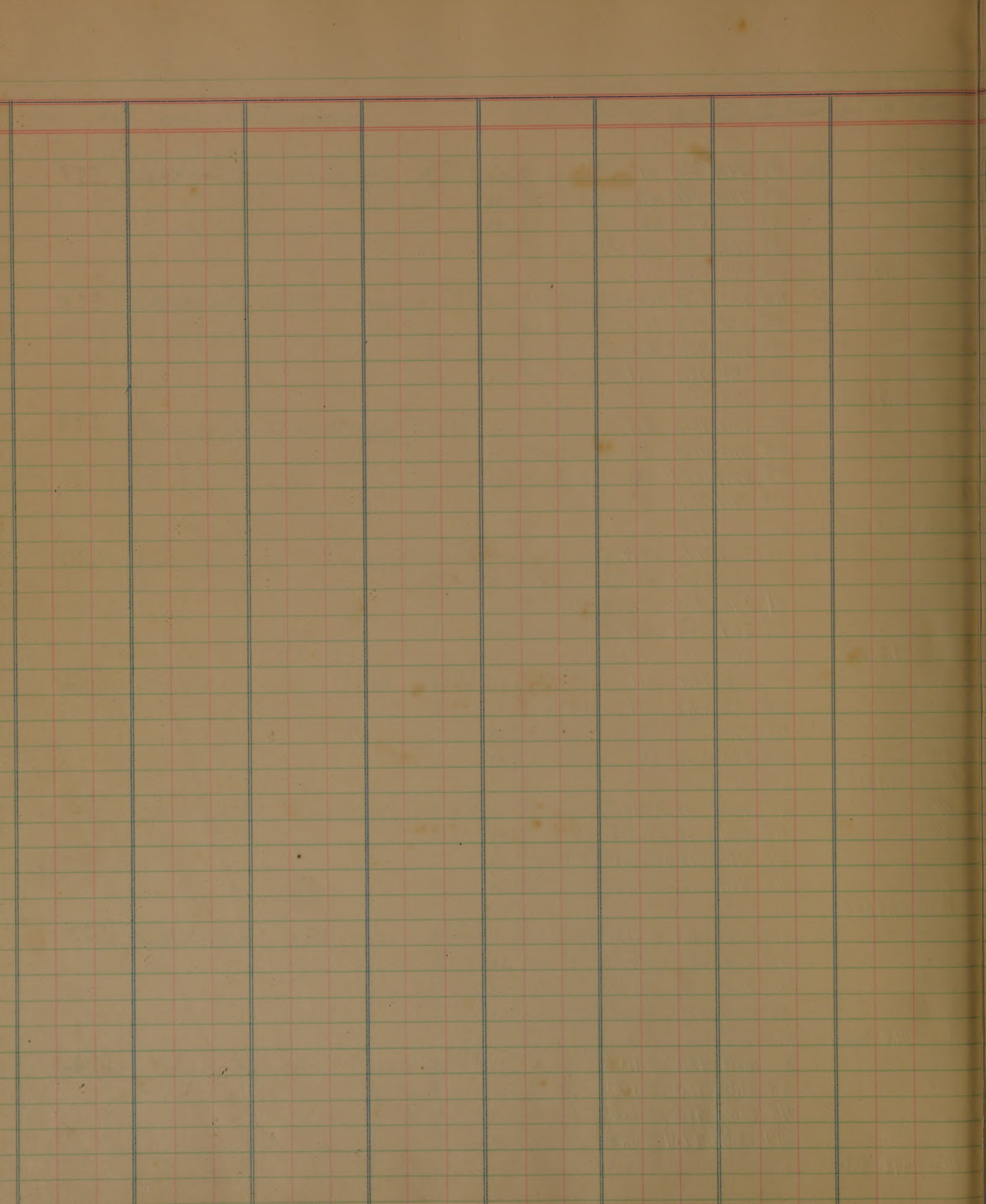
Threshed 9/11

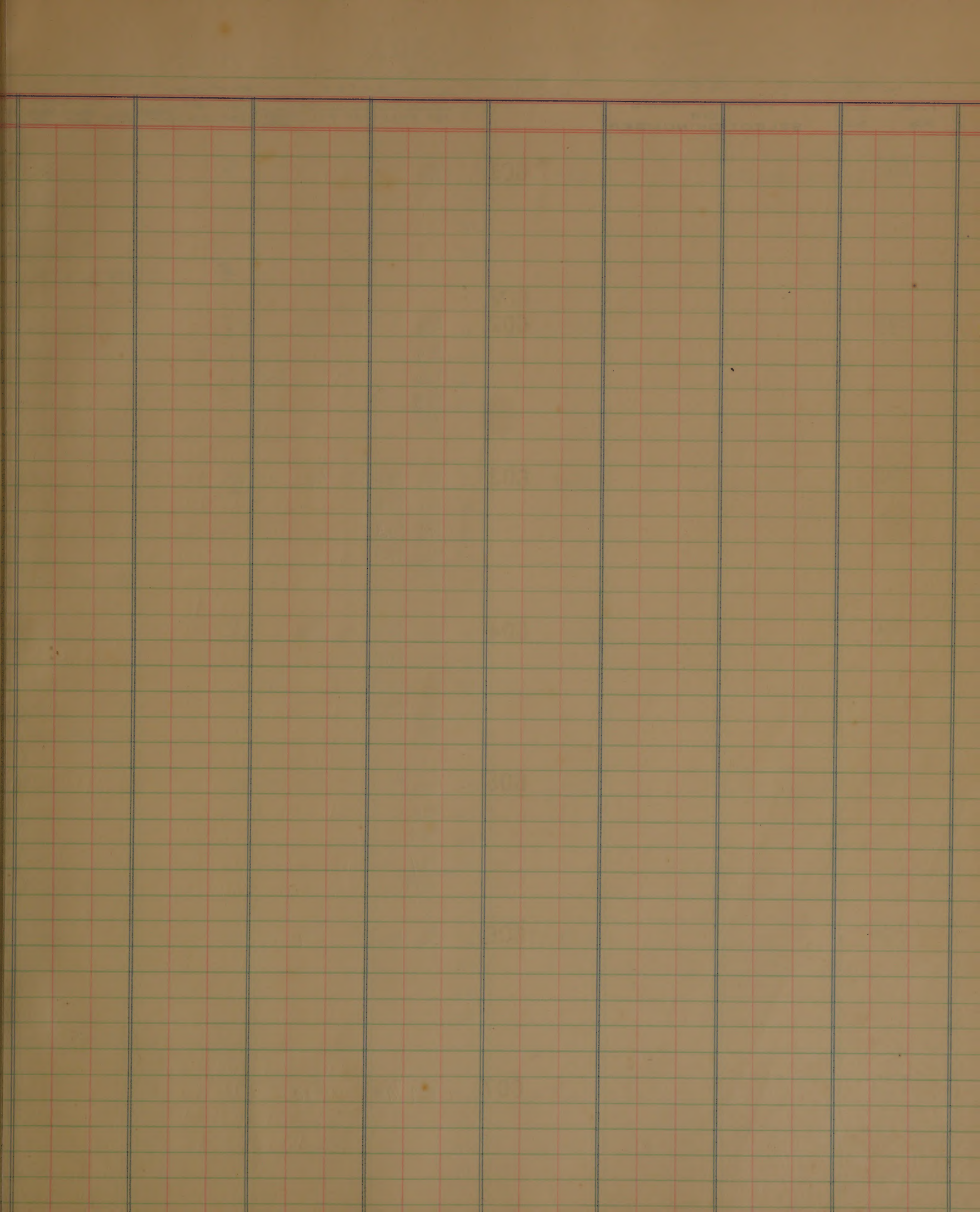
T.G. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG		SHAT- TING	DISEASES		
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White T
		C283A9-6-1-2, EXF ①	504 1400 A501	1	7/31 8/13	8/19 8/25		37					
			Date Seeding A 1550 B	15	7/29 8/8	8/16 8/27		40					
			1700 C	19	7/28 8/8	8/14 8/27		40					
			1650 D	29	7/29 8/8	8/14 8/27		42					
			1550		7/29	8/17		40					
19889 3625		Shoemed, Ch. ①	504 1500 A502	2	8/2 8/14	8/18 8/26		40					
			1600 B	9	8/1 8/11	8/18 8/26		41					
			1700 C	24	7/30 8/9	8/18 8/26		42					
			1800 D	32	7/31 8/10	8/19 8/26		43					
			1650		8/1	8/26		42					
		B2913A29-1-1-1, Co x BR ②	507 1500 A503	3	7/15 7/29	8/7 8/20		35					
			1550 B	13	7/15 7/27	8/6 8/20		35					
			1800 C	21	7/13 7/25	8/4 8/20		38					
			1700 D	25	7/14 7/25	8/3 8/20		37					
			1638		7/14	8/20		36					
7787		Zenith ⑥	502 1450 A504	4	7/28 8/5	8/12 8/22		36					
			A=3 1500 B	14	7/26 8/4	8/10 8/20		36					
			1600 C	23	7/25 8/4	8/9 8/20		38					
			1700 D	28	7/26 8/4	8/10 8/21		41					
			1560		7/26	8/21		38					
		B283A3-4-5, EXF ③	Date Seeding 1500 A505	5	8/3 8/16	8/23 9/3		40					
			1400 B	12	8/4 8/17	8/24 9/3		41					
			1750 C	20	8/1 8/12	8/24 7/2		42					
			1800 D	27	8/1 8/12	8/24 9/1		43					
			1638		8/1	9/2		42					
19803 5451		Lady Wright ⑧	Date Seeding 1500 A506	6	7/25 8/4	8/5 8/23		38					
			1450 B	10	7/23 8/5	8/14 8/23		37					
			1300 C	17	7/24 8/4	8/14 8/24		37					
			1550 D	26	7/23 8/4	8/13 8/24		40					
			1450		7/24	8/24		38					
19801 5883		Early Prolific ⑤	Date Seeding 1600 A507	7	7/27 8/9	8/20 8/26		39					
			1500 B	11	7/30 8/9	8/22 8/28		37					
			1400 C	18	7/28 8/8	8/20 8/29		37					
			1800 D	31	7/28 8/9	8/21 8/29		41					
			1575		7/28	8/28		39					
		B322, Edith ④	505 1500 A508	8	7/26 8/6	8/14 8/23		39					
			1500 B	16	7/25 8/6	8/12 8/23		40					
			1700 C	22	7/26 8/5	8/11 8/23		42					
			1700 D	30	7/26 8/5	8/13 8/23		41					
			1600		7/26	8/23		41					

Del & Shue threshold 9/12
 Dressed for Harv 9/13

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES			PLANT LODG.		SHAT- TEARING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Enty- loma
		B321A2-8-2-1, RxD	A-62	A509	33	8/15 8/27	9/1 9/15	40						
			520	B	45	8/14 8/26	9/1 7/15	42	9/1					
				C	55	8/12 8/25	9/1 9/14	43						
				D	57	8/13 8/26	9/1 9/15	43						
					8/14	9/15		42						
		B3173-1, Ca x LW	A-71	A510	34	8/15 8/25	9/1 9/14	37						
			525	B	42	8/14 8/24	9/1 9/16	37	9/10					
				C	52	8/14 8/23	9/2 9/16	38						
				D	59	8/14 8/23	9/2 9/17	38						
					8/14	9/16		38						
8076 1206		Delitus	A-48	A511	35	8/2 8/18	8/20 9/3	41						
			510	B	44	8/3 8/17	8/19 9/3	40						
				C	53	8/5 8/17	8/21 9/3	41	9/1					
				D	61	8/1 8/15	8/11 9/11	44						
					8/3	9/12		42						
19889 3625		Shoemed, ck.	504	E A512	36	8/2 8/11	8/16 8/27	42						
				F B	48	8/1 8/10	8/17 8/27	42						
				G C	54	7/31 8/9	8/16 8/26	42	8/29					
				H D	62	7/31 8/9	8/16 8/25	46						
					8/1	9/26		43						
19882 15611		Caloro	date	A513	37	8/5 8/15	8/30 9/8	34						
			Seeding	B	47	8/4 8/14	8/30 9/8	35	9/10					
				C	49	8/4 8/14	8/29 9/8	33						
				D	60	8/4 8/13	8/28 9/8	37						
					8/4	9/8		35						
19926 2702		Nira	Date Seeding	A514	38	8/19 8/30	9/3 9/12	41						
				B	41	8/19 8/31	9/4 9/19	48						
				C	51	8/20 8/30	9/5 9/19	51	9/10					
				D	64	8/19 8/31	9/6 9/18	50						
					8/19	9/19		50						
19882 1988		Acadia	A-89 512	A515	39	8/15 8/25	9/4 9/16	37						
				B	43	8/14 8/25	9/4 9/16	36	9/10					
				C	50	8/14 8/25	9/4 9/19	36						
				D	63	8/14 8/27	9/5 9/18	37						
					8/14	9/17		37						
9821 1344		Fortuna, (Texas)	new date Seeding 515	A516	40	8/16 8/28	9/2 9/17	43						
				B	46	8/17 8/29	9/3 9/18	44						
				C	56	8/17 8/27	9/3 9/19	46	9/10					
				D	58	8/17 8/28	9/4 9/17	49						
					8/17	9/17		45						

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER			DATES				PLANT LODG.		SPRINTING TERING	DISEASES			
					HEADING 1ST FULL	RIPENING 1ST FULL		HARV- ESTED	HT. (IN.)	ING %		H.O.	Cerco- spora	White Tip	Inty lous
		S2912A34-2-1-3, KxBR	522 A=101	A 517	65	8/11	8/19	9/5	7/6	46		4			
				B	78	8/10	8/18	9/4	9/17	47					
				C	84	8/9	8/18	9/4	9/17	48					
				D	93	8/9	8/18	9/4	9/16	47					
						8/10		9/17		47					
		C2913A24-1, CoxBR	Crowley, ha	A 518	66	8/15	8/26	9/6	9/17	36		7			
				B	80	8/15	8/25	9/5	9/16	41					
				C	82	8/14	8/25	9/5	9/16	42					
				D	95	8/15	8/25	9/5	9/16	41					
						8/15		9/16		40					
		B2912A13-2-2-1-1, KxBR	Date Seeding	A 519	67	8/13	8/23	9/5	9/16	40		5			
				B	73	8/12	8/20	9/5	9/16	42					
				C	81	8/10	8/20	9/5	9/16	46					
				D	90	8/11	8/20	9/4	9/16	45					
						8/12		9/16		45					
7183 1962		Blue Rose,	Date Seeding	A 520	68	8/23	8/2	9/12	9/25	40		6			
				B	75	8/22	8/1	9/19	9/24	40					
				C	87	8/22	8/31	9/16	9/23	42					
				D	92	8/22	8/31	9/16	9/23	43					
						8/22		9/24		41					
19941 1779		Rexoro	517	A 521	69	9/16	9/27	10/12		47		1			
				B	76	9/16	9/26	10/18	10/19	47					
				C	86	9/15	9/24	10/12		46					
				D	89	9/15	9/24	10/16		48					
						9/16		10/18	10/19	47					
		B324A1-8-2-1, Rx5094	521	A 522	70	9/3	9/14	9/22	10/4	47		2			
				B	77	9/1	9/12	9/27	10/4	46					
				C	88	9/2	9/13	9/22	10/4	47					
				D	96	9/2	9/13	9/21	10/4	47					
						9/2		10/1		47					
		C2912A10-1, KxBR	524	A 523	71	8/13	8/19	9/5	9/17	43		3			
				B	74	8/13	8/19	9/6	9/17	45					
				C	85	8/13	8/19	9/5	9/16	46					
				D	91	8/13	8/19	9/5	9/17	45					
						8/13		9/17		45					
19889 3625		Shoemed, CK	504 I	A 524	72	7/30	8/1	8/16	8/28	44					
			J	B	79	7/29	8/8	8/17	8/27	45					
			K	C	83	7/30	8/9	8/17	8/27	45					
			L	D	94	7/30	8/9	8/17	8/26	44					
						7/30		8/27		45					





multiply total yield in lbs. from four series by
73.0 for acre yield in lbs.

Size of plot = $\frac{1}{292}$ of an acre

The plot	YIELD DATA				TEST PER BU. (LBS.)	MILLING DATA	
	GMS. PER ROW	ACRE YIELD				HEAD	TOTAL
	BU.	LBS.	BBLS.	RICE		RICE	

2.64 2.6
2.68 2.7
4.04 4.0
2.95 3.0 ✓
2.31 12.3 20.0 898.

5.46 5.5
6.73 6.7
6.42 6.4
6.16 6.2
24.8 40.2 1810

5.27 5.3
6.00 6.0
6.23 6.2
7.12 7.1 ✓
24.6 39.9 1796

4.91 4.9
6.19 6.2
5.41 5.4
4.82 4.8 ✓
21.3 34.6 1555

6.26 6.3
6.59 6.6
5.84 5.8
7.13 7.1 ✓
25.8 41.8 1883

3.88 3.9
4.33 4.3
4.25 4.3
4.38 4.4 ✓
16.9 27.4 1234

6.32 6.3
6.59 6.6
6.19 6.2
5.81 5.8 ✓
24.9 40.4 1819

altogether for date 601

602

603

604

that is right
practically the today 605

606

607

T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHAT- TERING	DISEASES			
			HEADING	8/25	8/26	HT.	ING		H.O.	Cerco- spora	White Tip	Enty- loma
			1ST FULL	1ST FULL	HARV- ESTED	(IN.)	%					

B3125-11
Cav. TW.

608

8 8/22
14 8/25
34 8/23
44 8/24
8/24

1/26 10/18 44

7

C283A4-6-1-2-4

609

9 8/19 8/28
21 8/18 8/27
30 8/18 8/26
50 8/18 8/26
8/18

9/12 44

BK 610

10 9/2 9/9
23
37
42

10/2 10/18 46

2912A-2-8-1-1

611

11 8/7 8/16
15 8/8 8/17
33 8/7 8/16
40 8/1 8/6
8/7

9/9 37

ma 612

12 9/1 9/12
22
28
46

10/2 10/18 54

C2854-3
pyb.

613

13 9/2 9/10
19
29
41

10/2 10/18 43

YIELD DATA				TEST	MILLING DATA		
GMS PER ROW	ACRE YIELD			PER BU. (LBS.)	HEAD RICE	TOTAL RICE	
	BU.	LBS.	BBLs.				

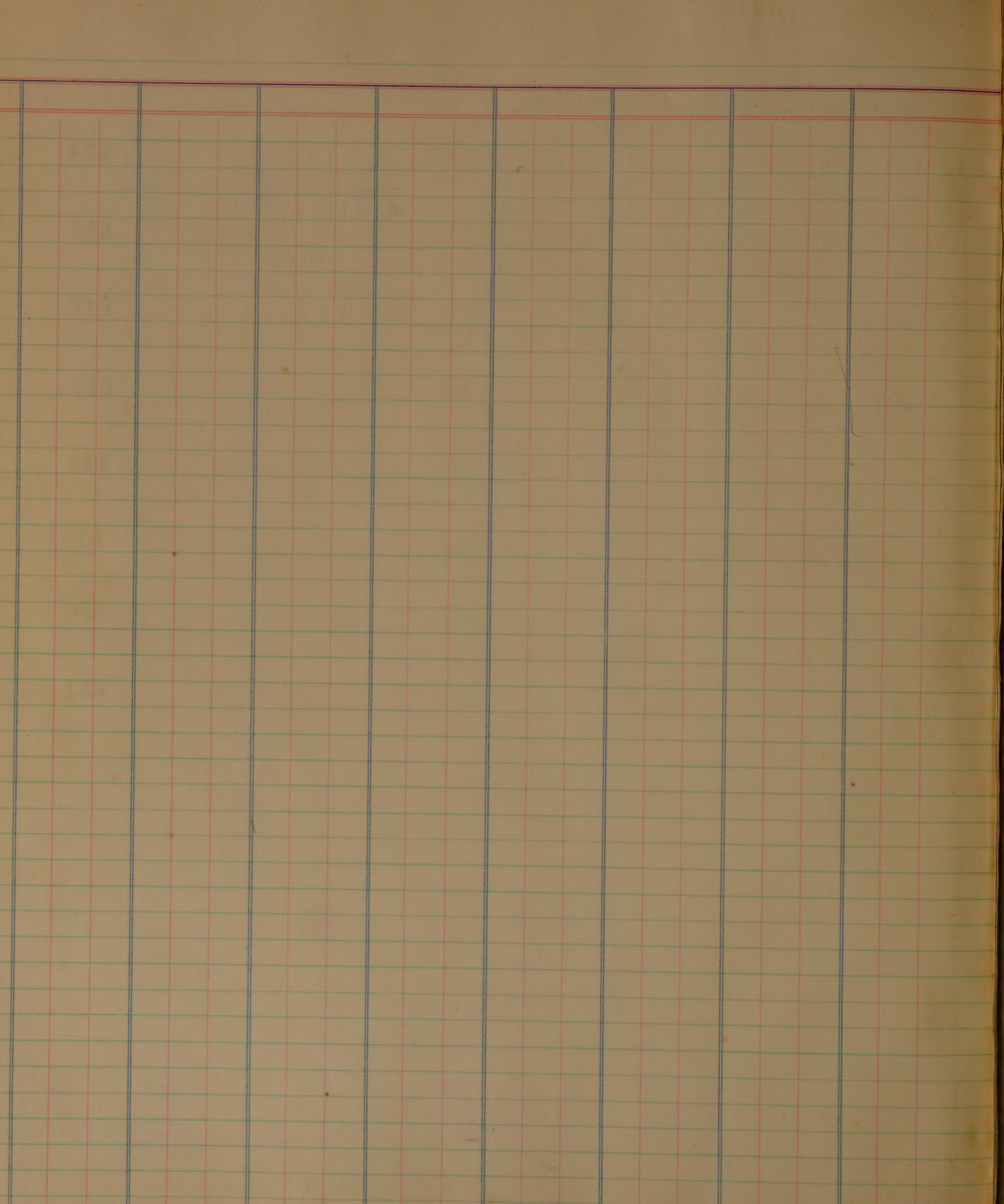
7.08	7.1						good rice lodging then in same	608
6.60	6.6							
8.98	9.0							
8.66	8.7		✓					
31.32	31.4	50.9	2292					
6.01	6.0							609
5.86	5.9							
7.39	7.4							
6.39	6.4		✓					
	25.7	41.7	1876	11.6				
8.31	8.3						good	610
7.76	7.8							
6.73	6.7							
7.10	7.1		✓					
	29.9	48.5	2183	13.5				
5.49	5.5							611
3.91	3.9							
4.22	4.2							
5.21	5.2							
	18.8	30.5	1372	8.5				
5.95	6.0						good	612
6.68	6.7							
5.47	5.5							
6.23	6.2		✓					
	24.4	39.6	1781	11.0				
7.93	7.9						in some difference in amount of lodging there is a lot of it have been dead quite rapidly about any of the lower.	613
8.34	8.3							
7.68	7.7							
10.52	10.6		✓					
	34.5	56.0	2518	15.5				

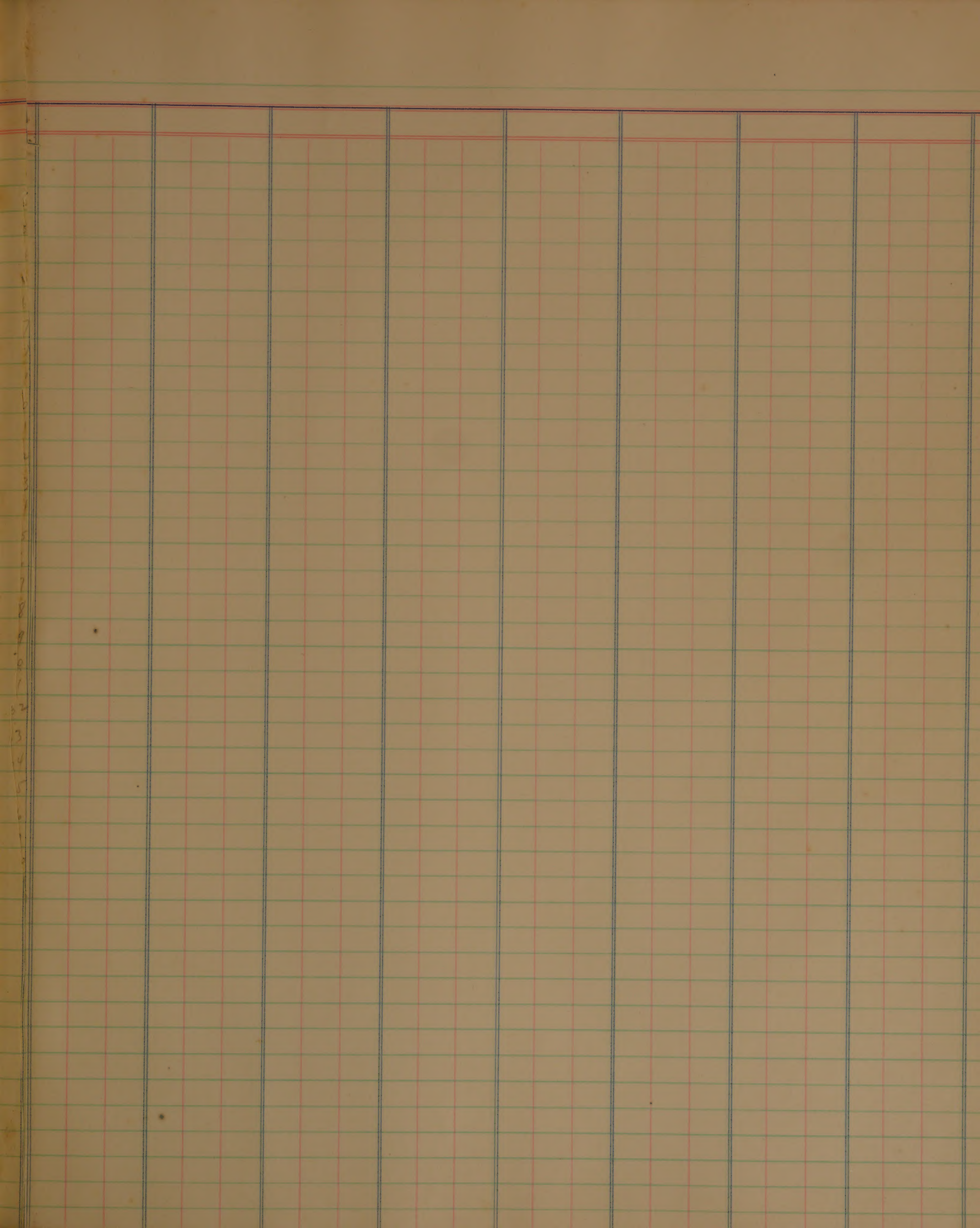
T.S. No.	O.I. No.	VARIETY NAME OR SELECTION NUMBER	DATES			PLANT LODG.		SHATT- TERING	DISEASES			
			HEADING 1ST FULL	1ST FULL	RIPENING 1ST FULL	HARV- ESTED	HT. (IN.)		ING %	H.O.	Cerco- spora	White Tip
		821 ^{RIP} 12-5-1 614	9/20	9/30	10/22	11/1	44					
		321 12-1-2-2 615	9/20	10/1	10/22	11/1	45					
		223 12-8-1 616	9/29	9/6	9/13	9/25	9/28	42				
		331 3A-16-1 617	9/1	9/12	9/30	9/28	41					
		828 3A-7-1 618	9/1	9/11	9/26	9/28	46					
		2P3A3-5 619	9/25	9/2	9/15	9/28	44					
		CAVER 2914 620	8/31	9/6	10/1		42					
		CT-55-48 621	9/2	9/10	10/3		38					

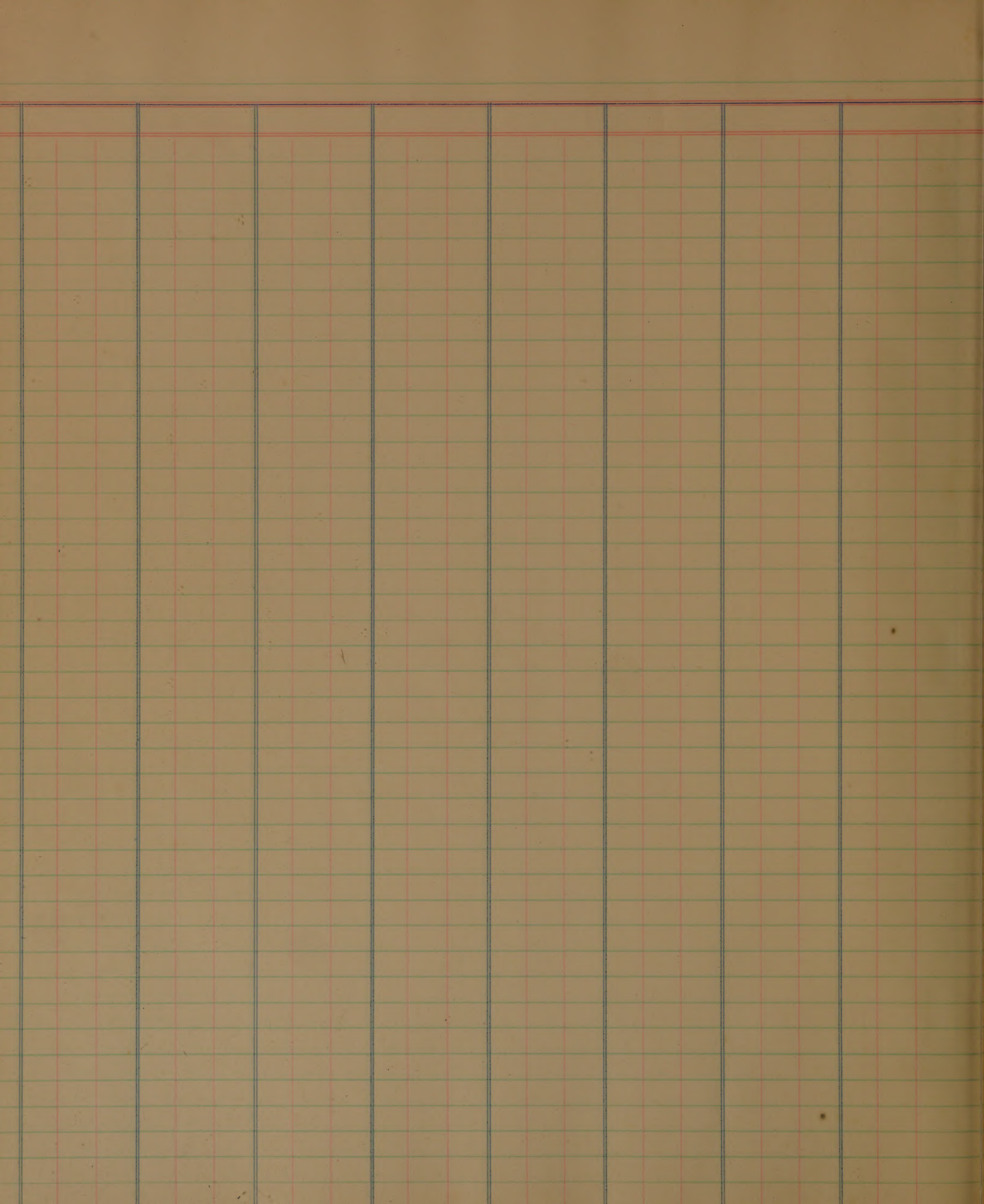
Multiply total yield in lbs. per plot by 29.2 to obtain acre yield in lbs. per acre. Size of plot = $\frac{1}{292}$

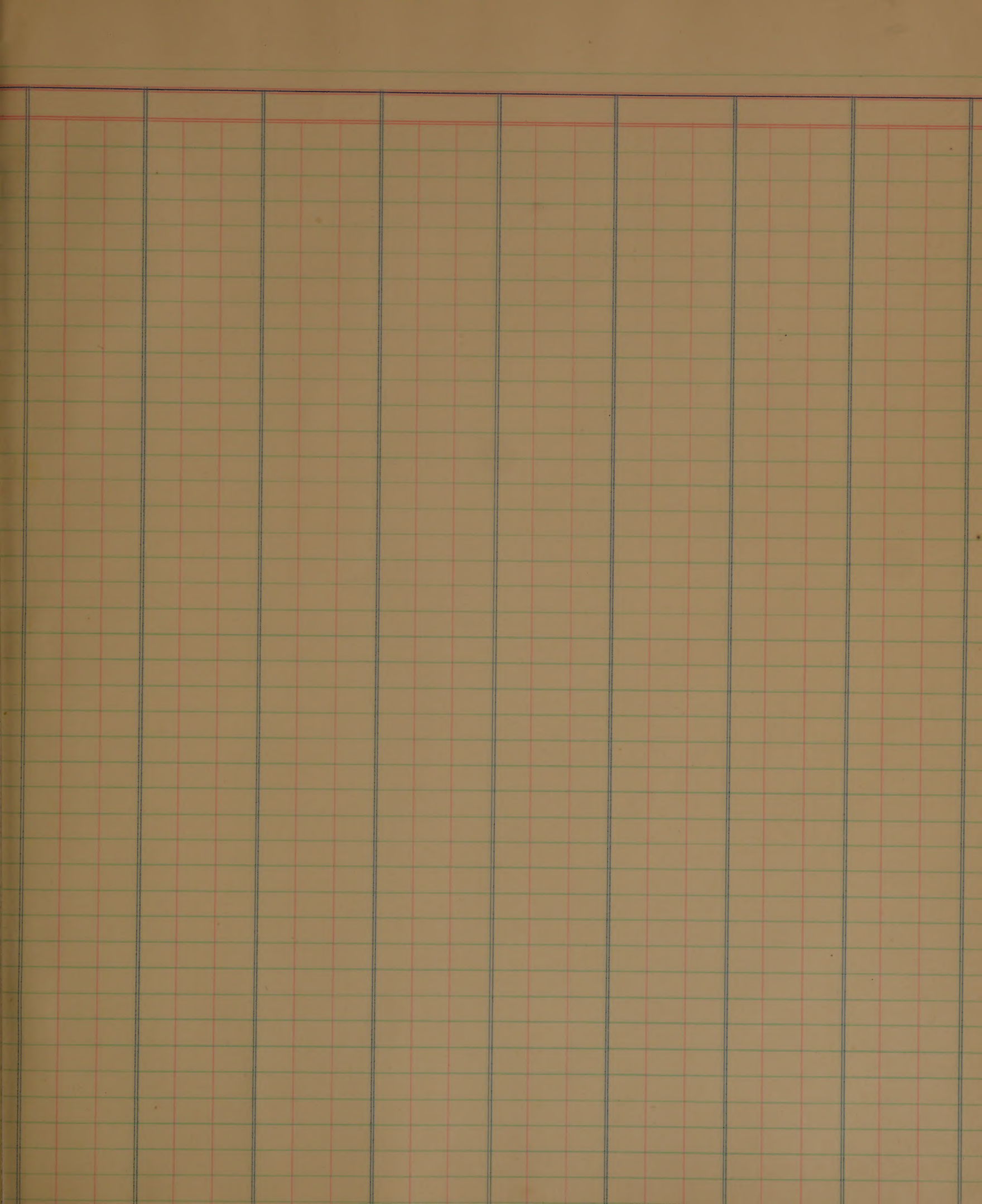
Size of plot = $\frac{1}{292}$

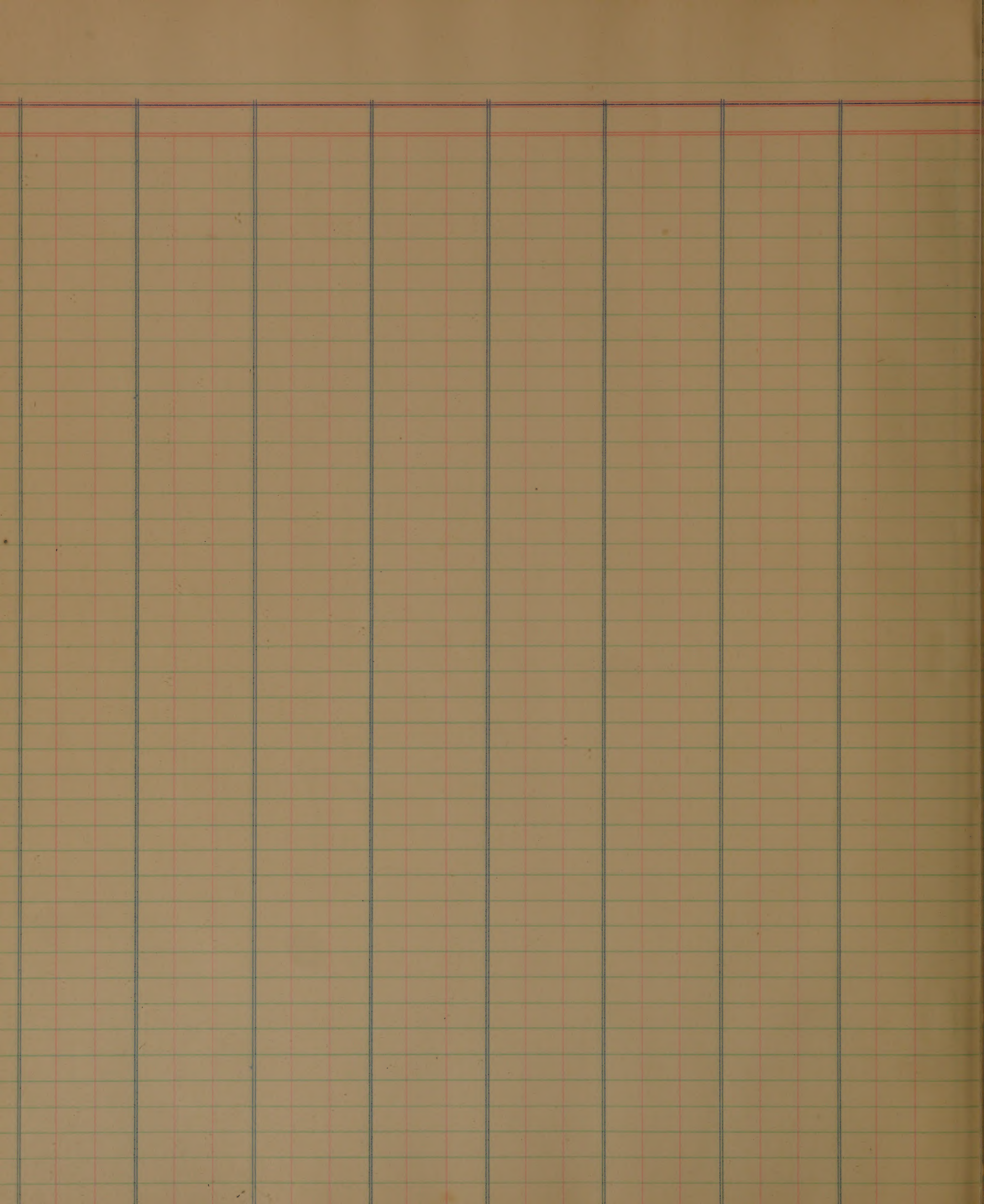
YIELD DATA				TEST	MILLING	
GMS	ACRE YIELD			PER	DATA	
PER	BU.	LBS.	BBLs.	BU.	HEAD	TOTAL
ROW	BU.	LBS.	BBLs.	(LBS.)	RICE	RICE

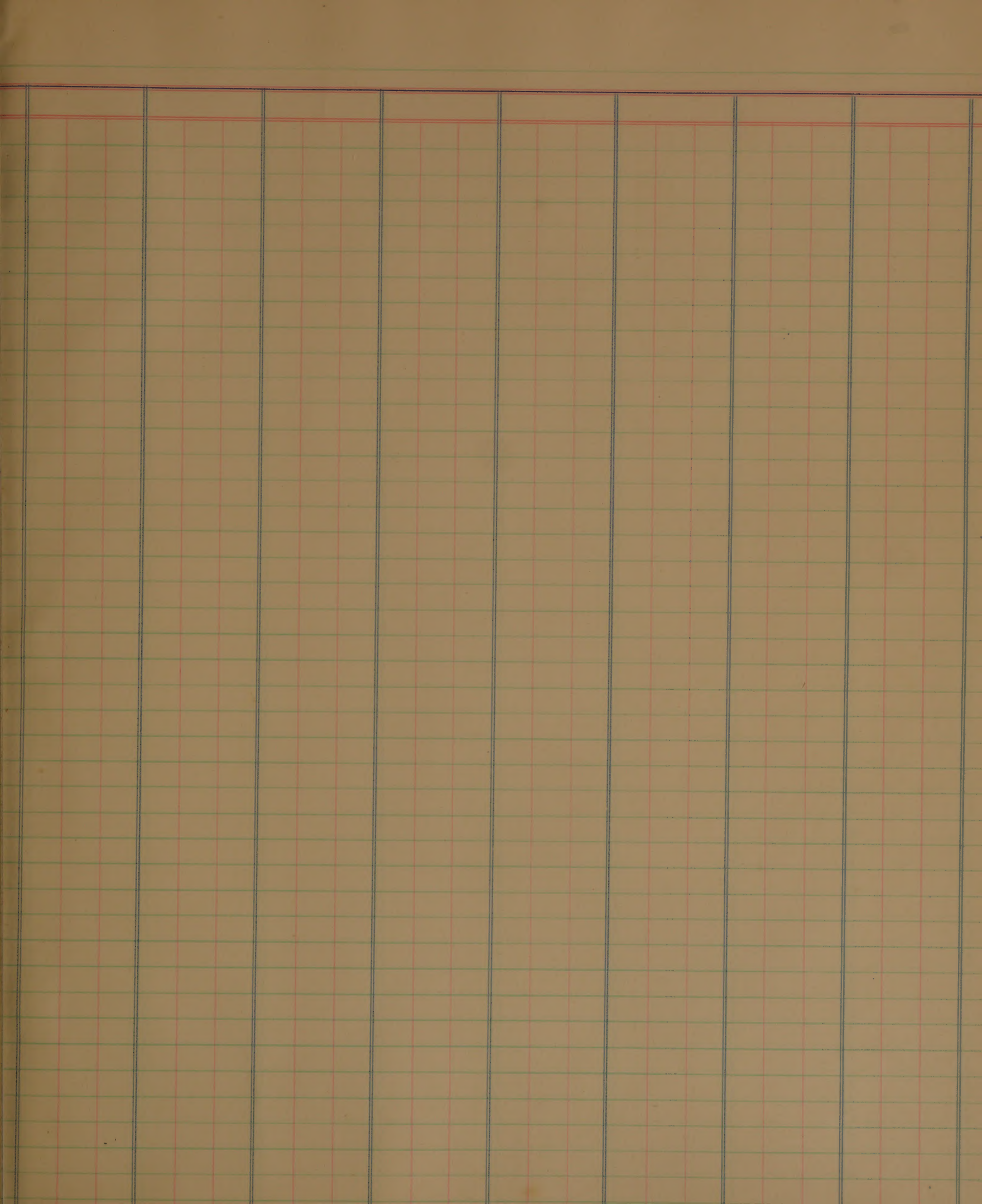


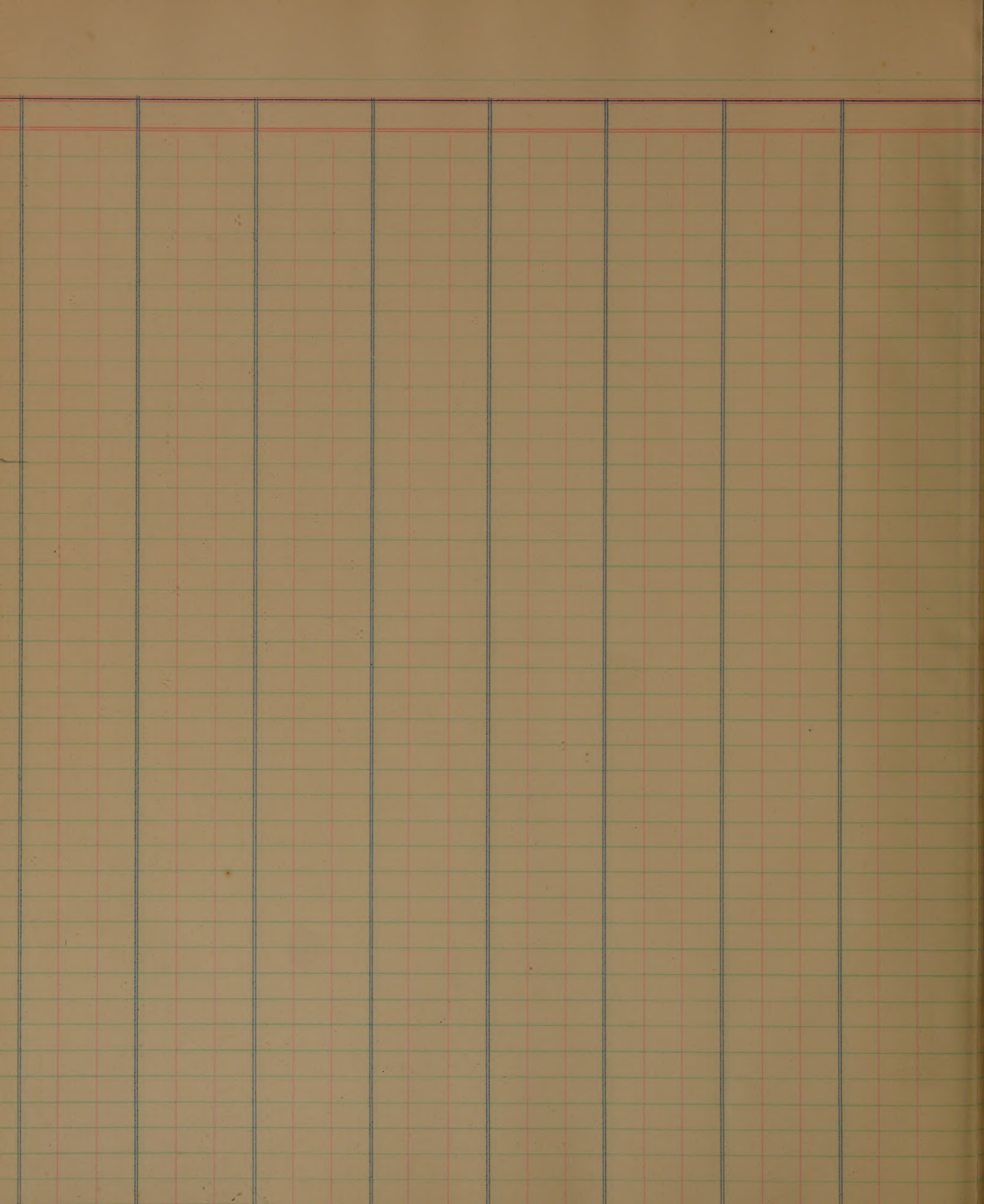


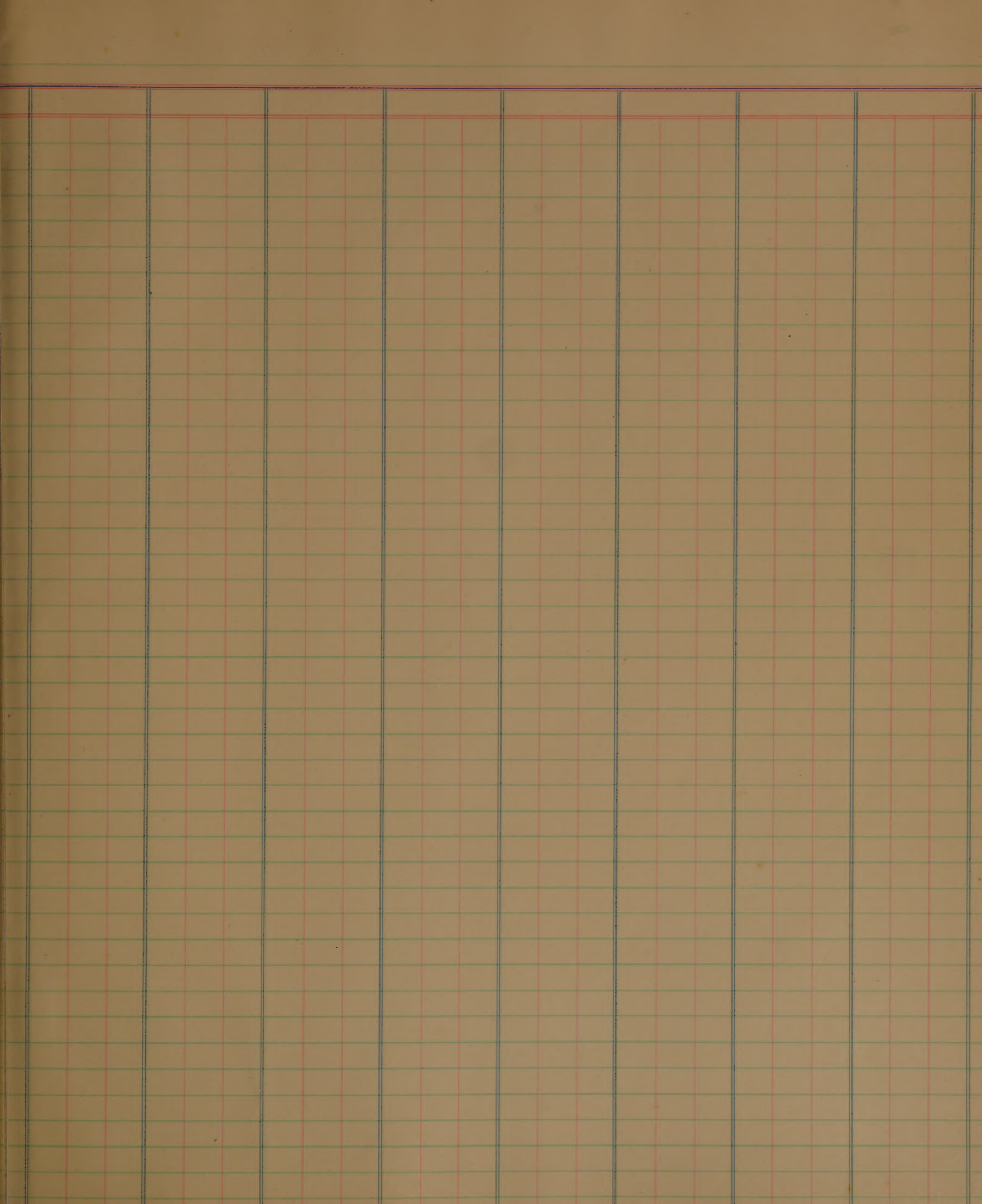


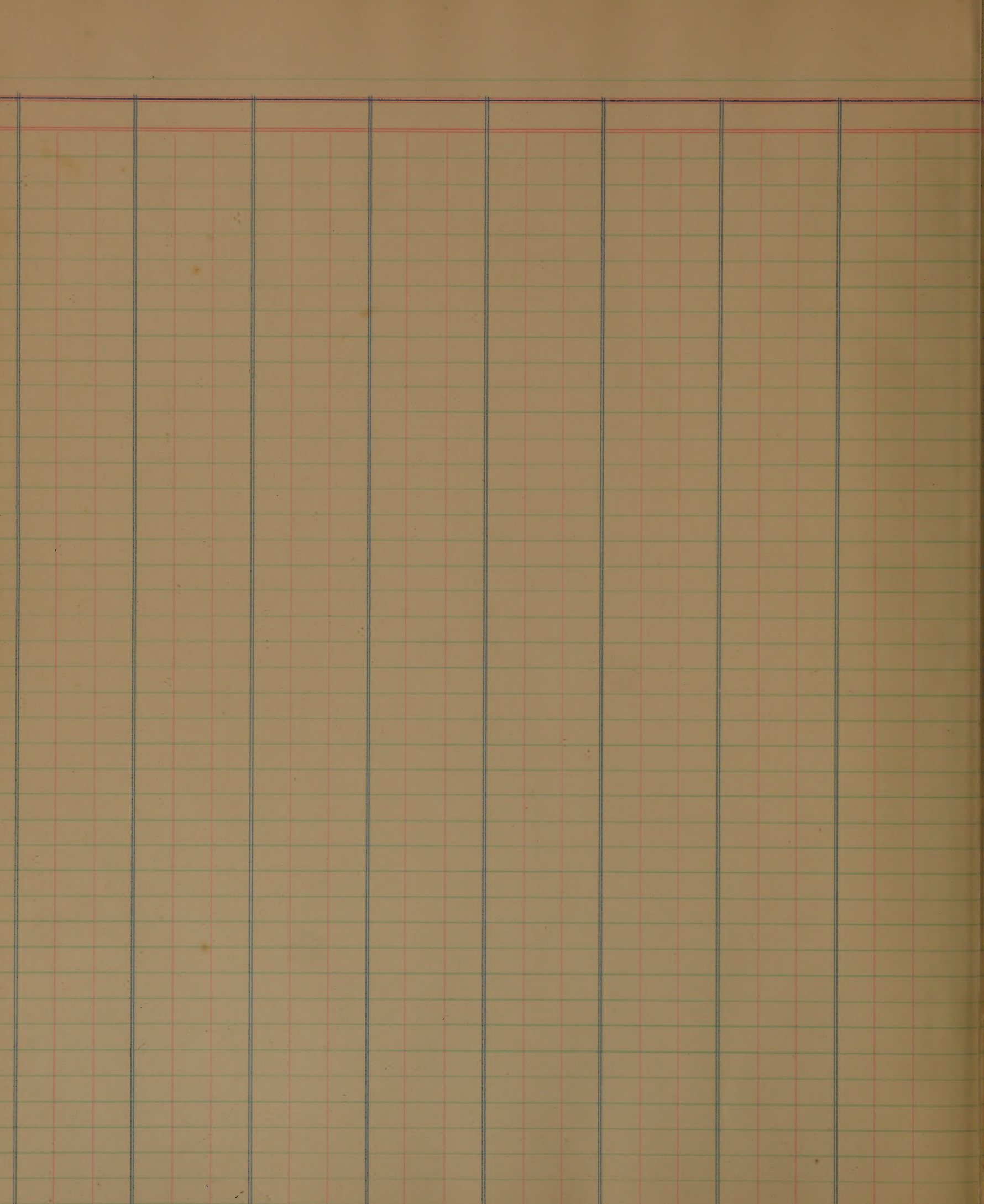


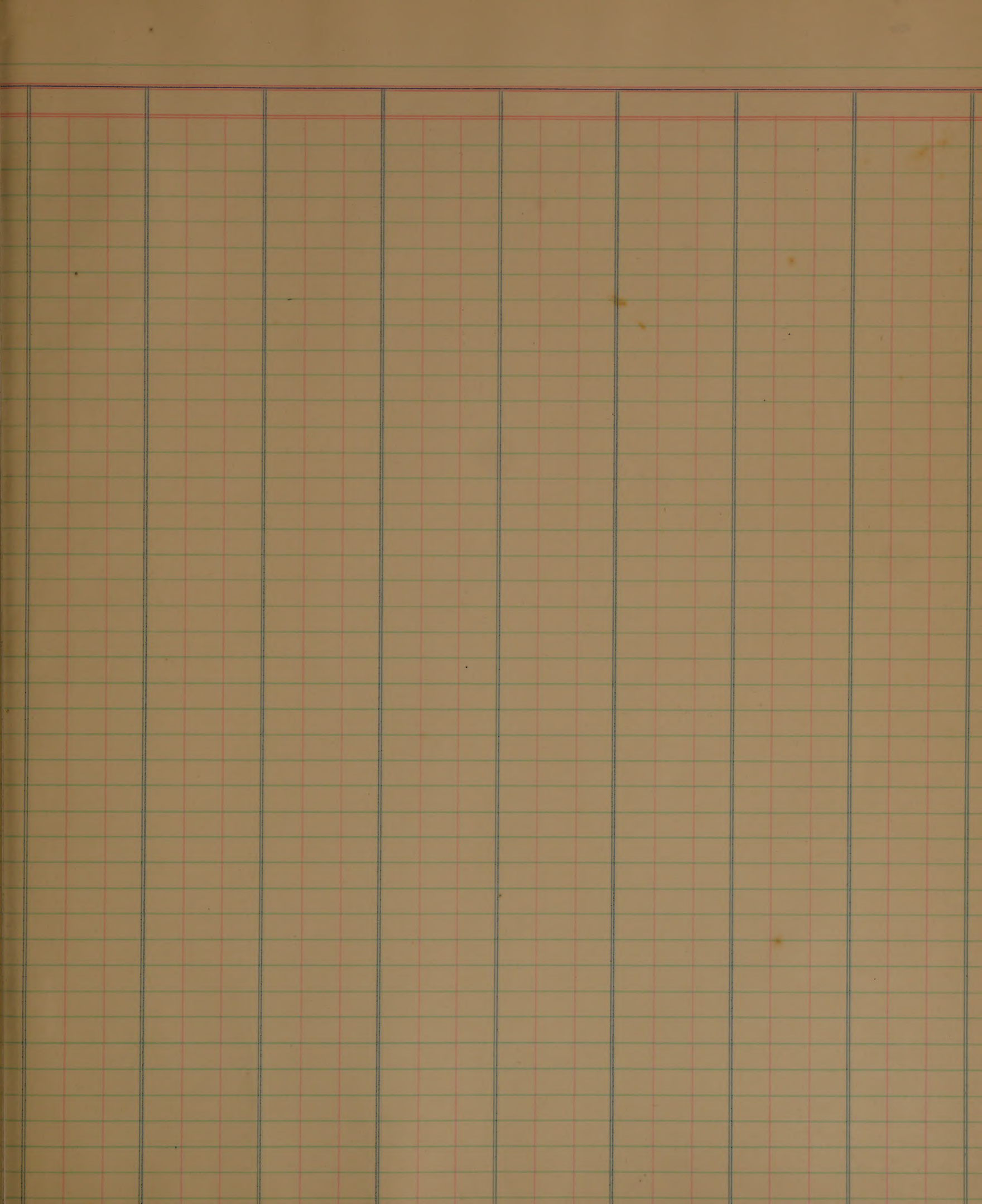


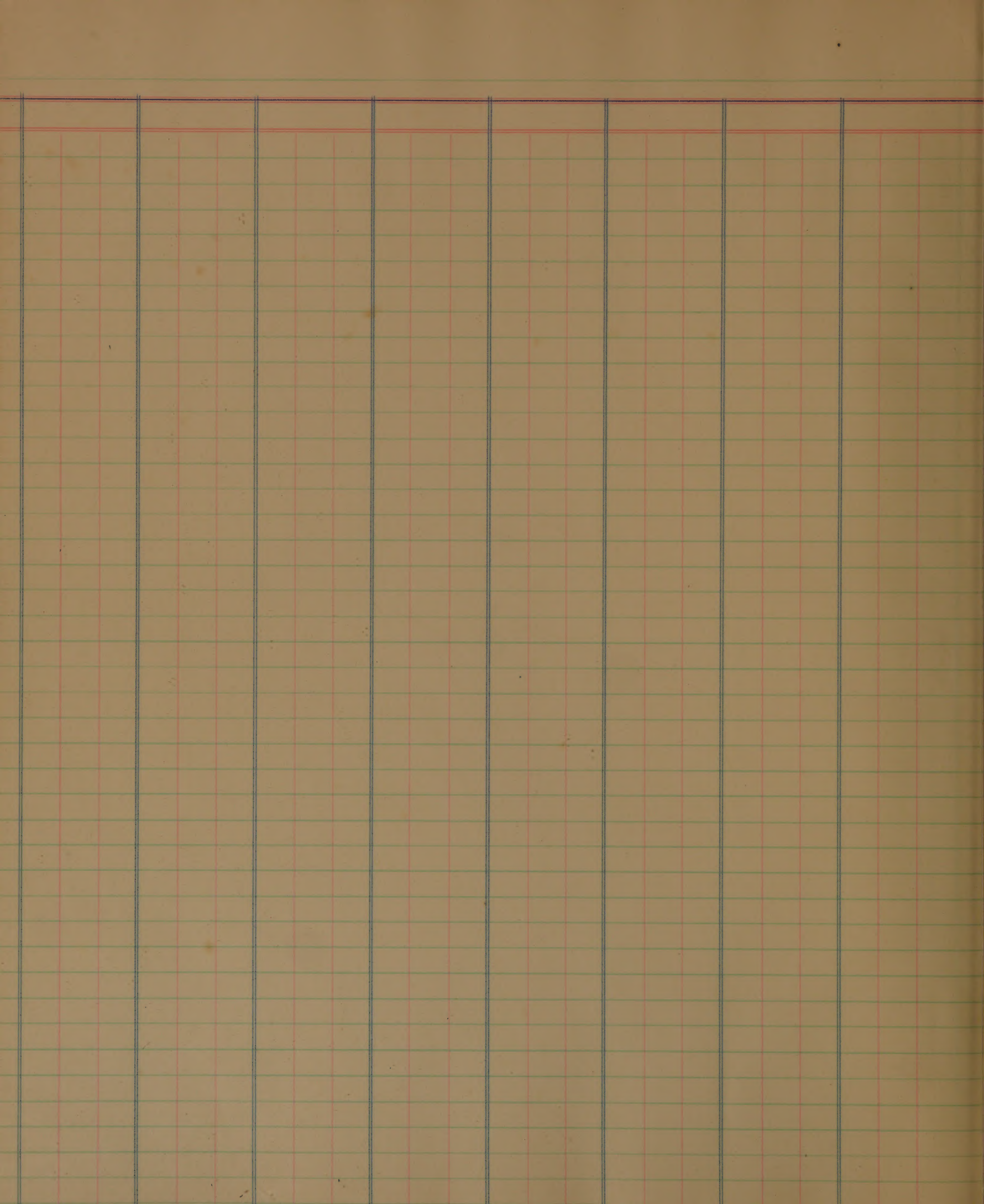


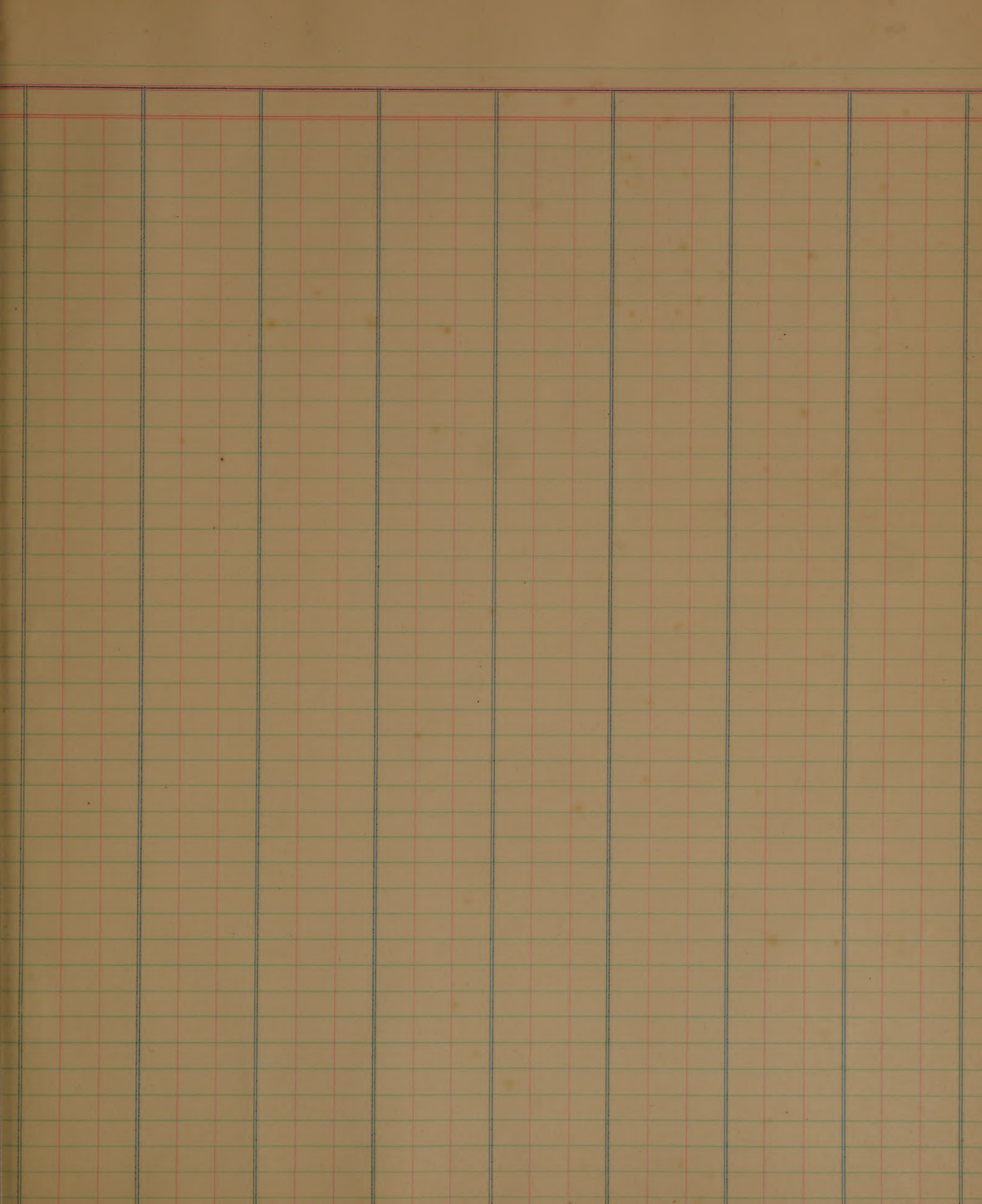


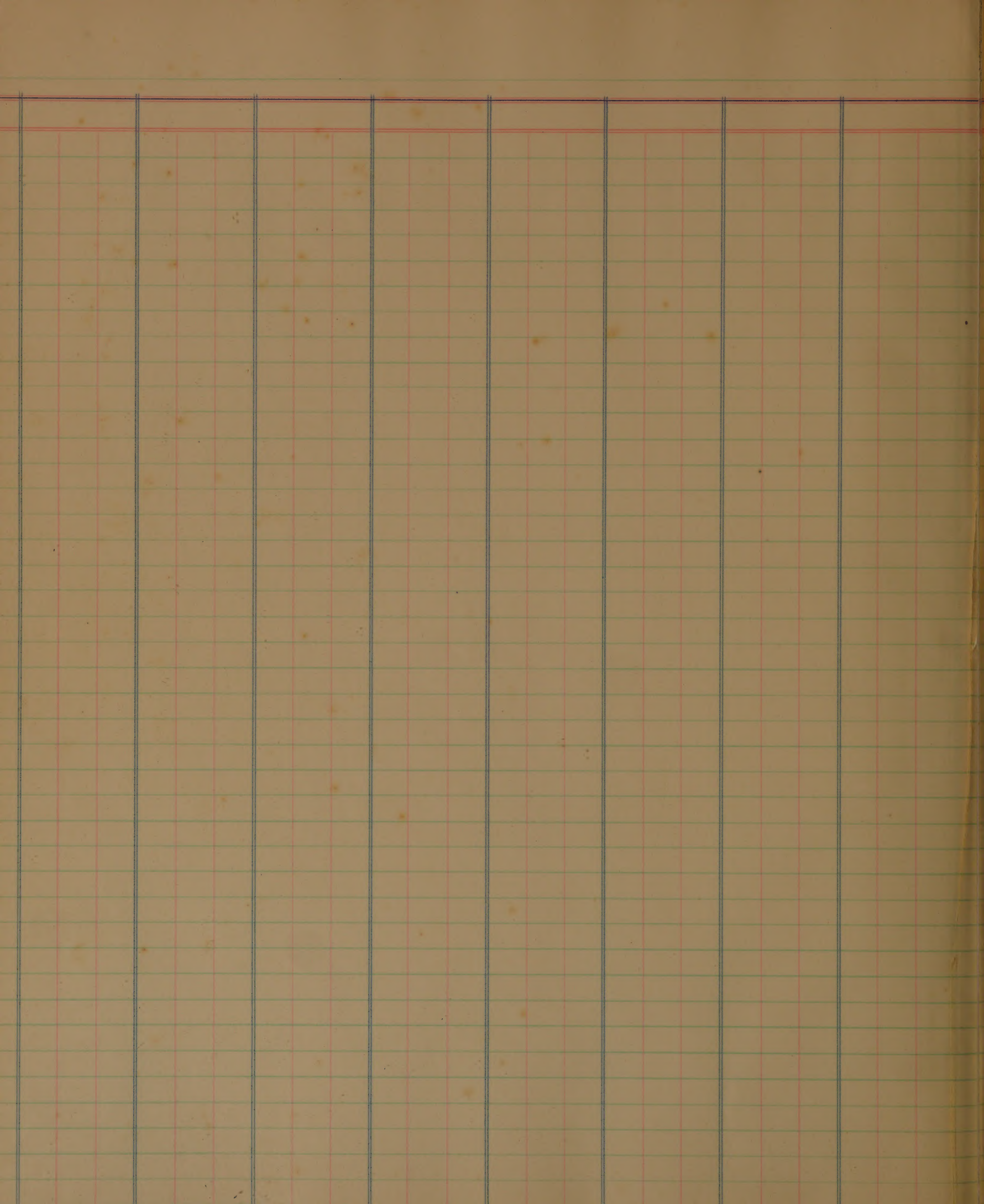


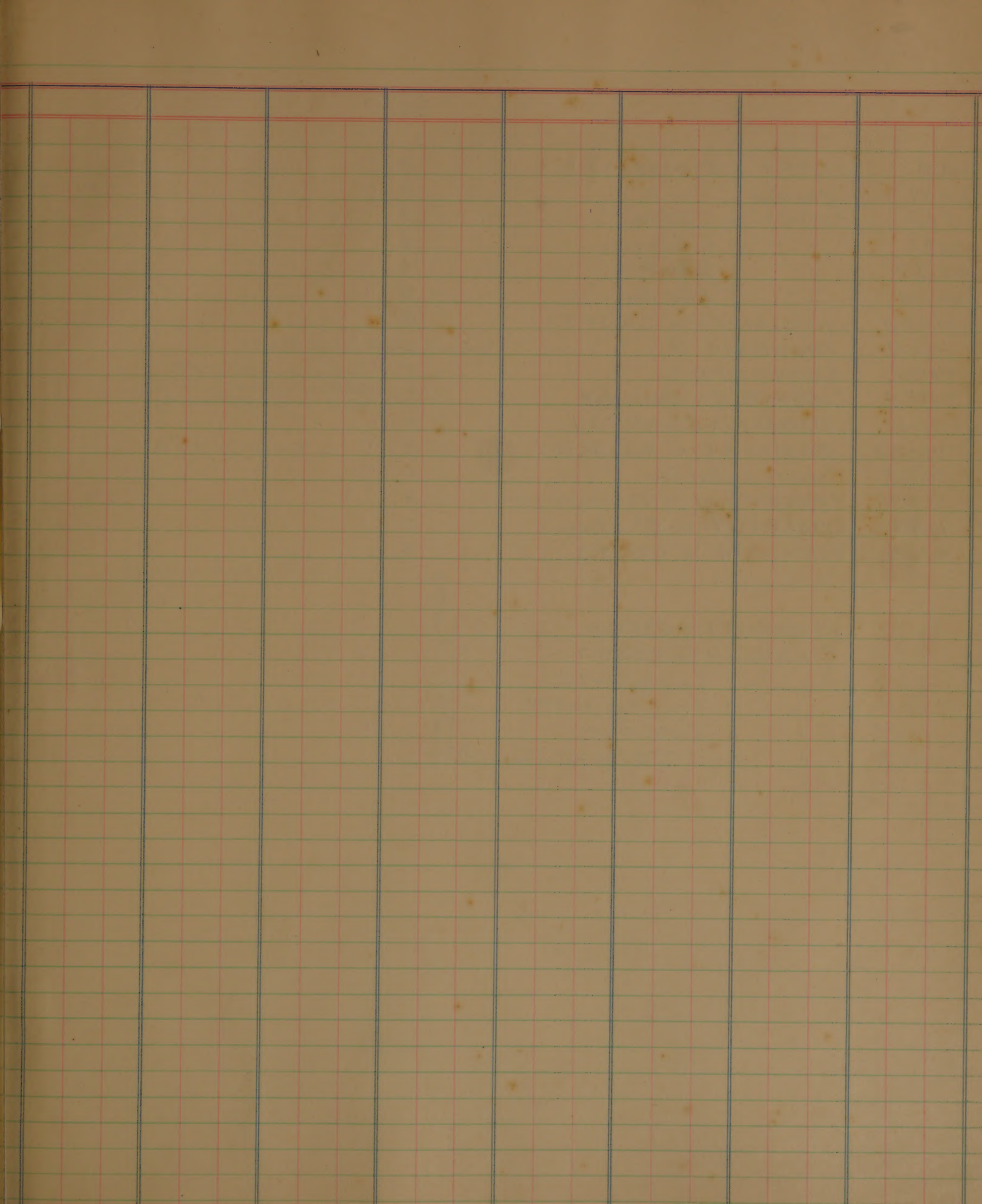








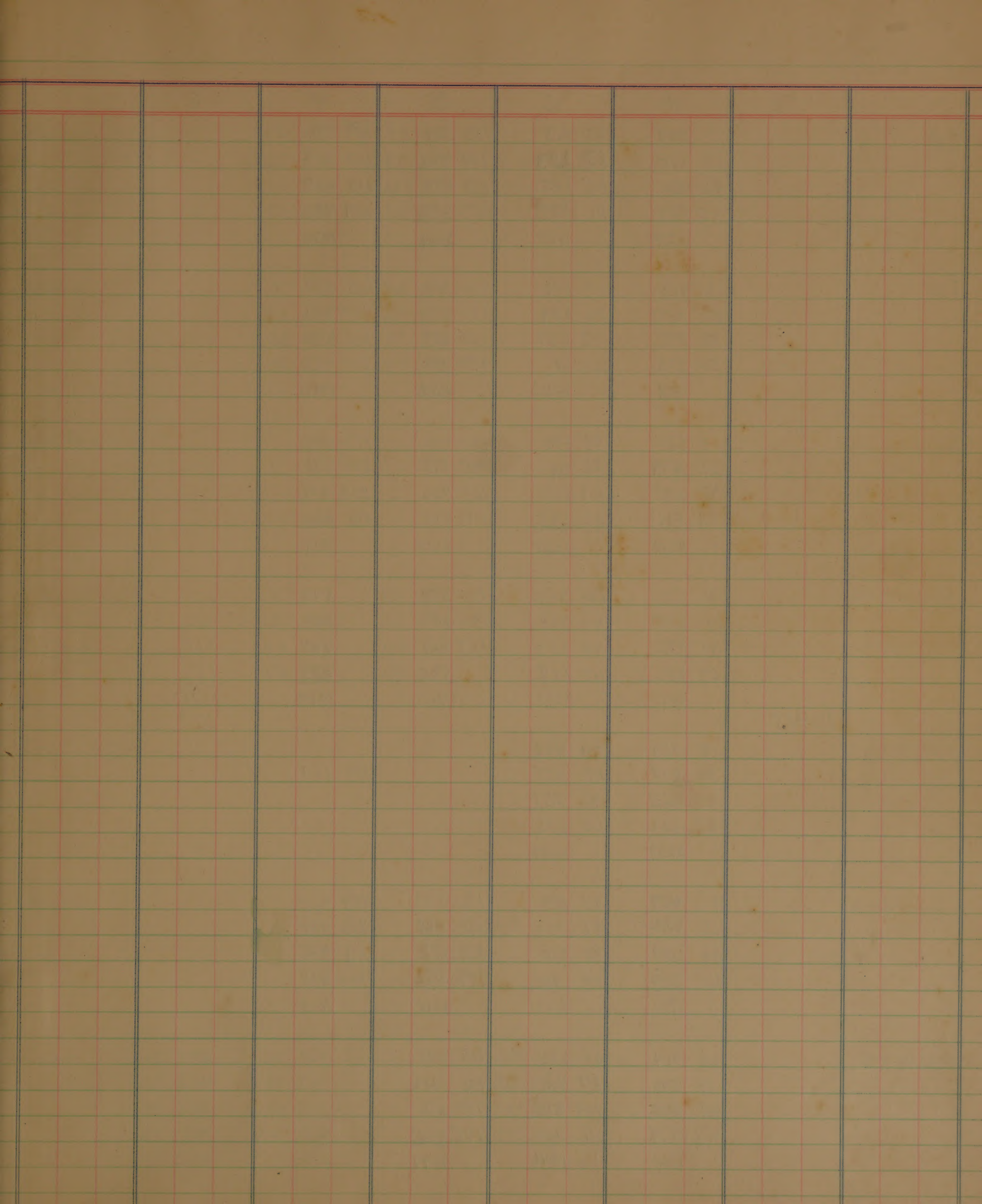




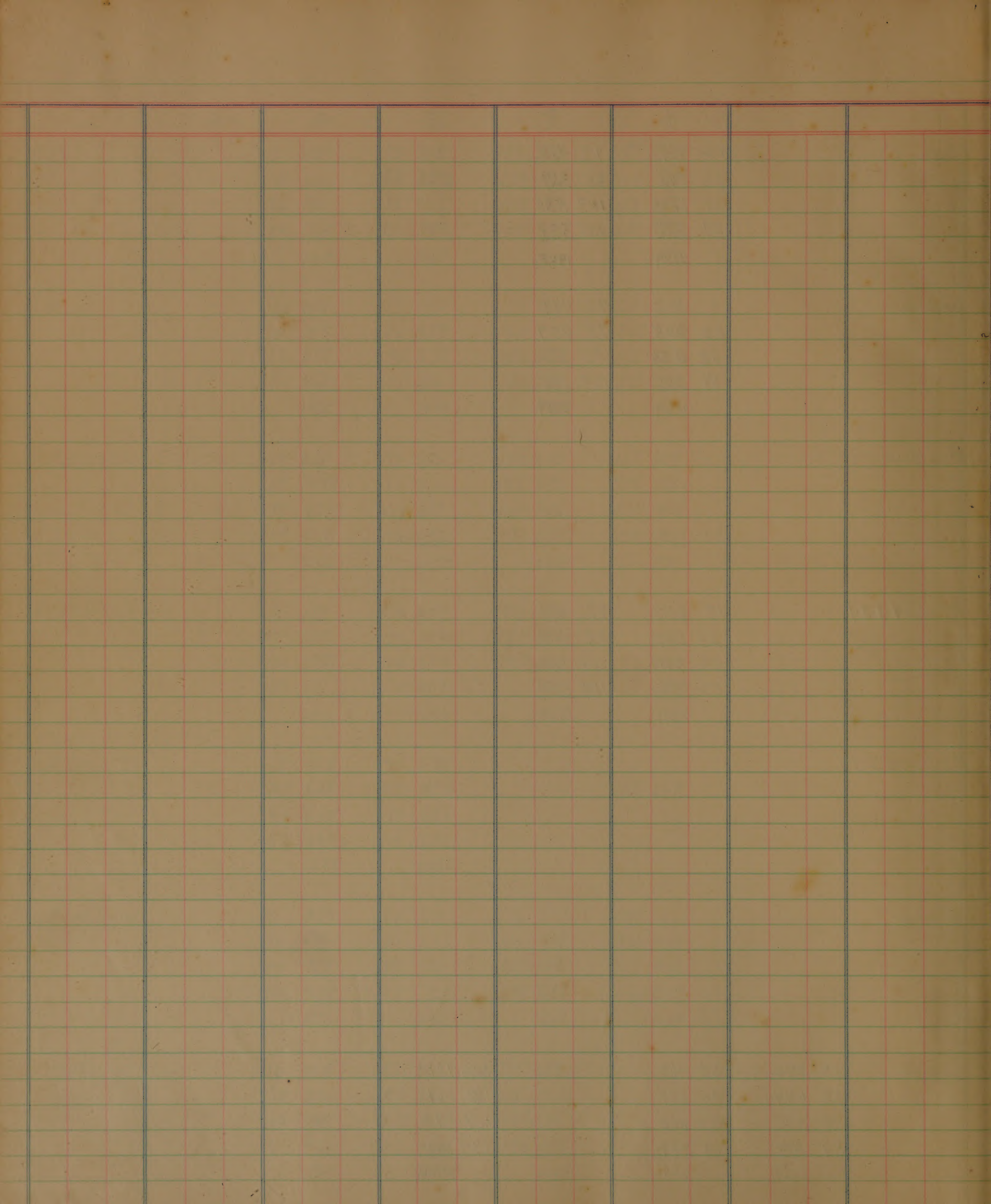
			Seeds emerged		no Plant
3	401A	C2854-3 x B2913A27-1-1-1	3 ✓		3 all OK
3	402A	Blue Rose x "	3 ✓		3 all OK
3	403A	C2854-3 x Colona	3 ✓		3 all OK
3	404A	" x E. Pileus	2 ✓		3 all OK
3	4011A	" x Cadore	3 ✓		3 all OK
3	4014A	" x Blue Rose	2 ✓		2 —
3	4015A	B2912A13-2-2-1 x C2854-3	3 ✓		3 all OK
3	4016A	B2912A47-1-1-1 x "	2 ✓	Sourness 2 and fls on 9/25/40	2 all OK
3	4017A	S2914A15-3-8-15 x "	3 ✓	slater springling with	3 all OK (1 prot)
3	4018A	Storm Prof x Spain Jap	3 ✓	cultural isolation on soil 10, about 1 pt per flat over a day	3 all have proper
4	4030A	B3313A1-4 x B324A1-2-2-1	4 ✓		4 —
3	4035A	B324A1-8-2-1 x Racine	3 ✓	Transpl to jar Nov 13.	3 —
3	4038A	Racine x Delatus	2 ✓		2 —
3	4040A	B2920A9-9-1-1 x B2912A13-2-2-1-1	3 ✓		3 only 1 appear fls on soil
3	4044A	B323A2-8-2-1 x Blue Rose	3 ✓		3 all OK
2	4045A	B323A2-8-2-1 x C2854-3	2 ✓		2 all OK
4	4046A	B2920A9-9-1-1 x C2854-3	4 ✓		4 —
3	4047A	B2913A31-2-1-4 x C2854-3	3 ✓		3 —
3	4053A	Ligularia x Long o. gl (40-9063)	3 ✓		3 not crosses
2	4054A	" x Multi Rec. (40-8934)	2 ✓	fls on soil, fls on soil	1 —
4	4055B	" x Brittle Straw	4 ✓		all crosses
4	4057A	" x CI-5173 (pl 375 in Transpl. 11)	4 ✓		2 both crosses
	405A	Multi Rec. x Brittle Straw	2 ✓	fls on soil, fls on soil	2 —

9/6 70% seeds emerged.

from in individual jars
and with same on Oct 15/40



	1	2	3	4	5	
CP	11 569	75 913	133 509	184 341		
	25 615	83 223	139 506	203 263		
	36 480	95 685	158 494	213 385		
	55 569	111 439	167 492	229 490		
	2233	1660	2001	1479		
PW	6 317	67 376	130 366	183 314		
	24 419	76 259	150 390	197 301		
	38 398	93 557	152 558	218 354		
	50 324	120 286	170 398	238 492		
	1458	1478	1712	1461		
B2913A24-1-1	14 668	71 573	135 580	185 439		
	27 649	81 339	145 593	210 371		
	45 673	101 681	164 756	217 408		
	49 511	112 632	171 626	228 601		
	2501	2225	2555	1819		
B2912A13-2-24-1-1	4 573	62 549	134 574	524	651	
	17 625	77 324	144 647	400	506	
	31 772	104 653	155 681	447	565	
	57 641	115 617	500	583	653	
	2611	2143	2402	1954	2375	20.
11,485						
B2912A47-1-1-1	5 424	74 438				
	20 628	80 438		188 667		
	41 565	92 831				
	56 622	110 526				
	2239	2232				
C283A9-6-1-2	9 459	61 510	126 551	194 365		
	16 432	86 334	141 448	206 330		
	39 383	97 230	163 683	211 446		
	60 547	113 423	179 536	234 517		
	1821	2147	2218	1658		
B283A3-4-5	10 464	68 331	124 543			
	18 540	87 309	136 412			
	44 425	105 515	154 686			
	47 431	116 400	175 456			
	1860	1546	2097			



zenith

1	2	3	4	5
2 431	66 395	131 565	195 389	
29 467	84 390	142 602	199 451	
40 436	96 684	156 454	214 433	
58 <u>509</u>	117 <u>617</u>	178 <u>524</u>	240 <u>533</u>	
1843	2086	2145	1806	

Sum
EP
en BR

8/12
8/14
8/15

8/13
8/15
8/18 8/16

8/16
8/15

8/16
8/15
8/16

$$\begin{array}{r} 181.3 \\ - 12.5 \\ \hline 9065 \\ 3626 \\ 1813 \\ \hline 2266.25 \end{array}$$

$$\begin{array}{r} 123.3 \\ - 12.5 \\ \hline 6165 \\ 2463 \\ 1231 \\ \hline 743.8 \\ - 12.5 \\ \hline 7190 \\ 2876 \\ 1438 \\ \hline 1797.50 \end{array}$$

Tetr. like BP plant on 21 st ^{from north} catch BP at east end mid season Block,

16

nutriment

Deer

Big Horn 4/28
5/10

4/7
6/29

4/30
5/11
5/30
6/21

Set Van

Red Sun

on 5/10
5/18
6/8
6/28

off 5/11
5/21
6/41

Prude
Caline

Big Horn 4/28

5/18
6/28

off 4/30
5/10
5/23

off 4/28
5/18
5/18

off 4/28
5/10
5/21
6/21

6/8
7/2

acid 5/18 - 6/5
21 made



go over BK x 701 F3 lines. ✓

Harvest 6011 x Ital Red cross ✓

Select Early plants from 5000 series ✓

Harvest rows from Date seeding rows. ✓

Harvest panicles from (2BK x 7) x Shear cross ✓

" " " 6993 x 6121-3 cross ✓

Go over Inheritance material. ✓

Harvest viable seed Experiment ✓

1. Lowon rows

2. Six combination rows. ✓

Complete notes on color & pubescence on (2BK x 7) x Shear cross

Harvest Viable seed

Send Jordon

136 - B2916A34-3-3-1-1

all strains in midseason + late groups

Check ment of 77 and 148

Send Jordon B322A 4-6-3 (164)

Sp x SJ x BR

101

1-2-432253
1-2-432253

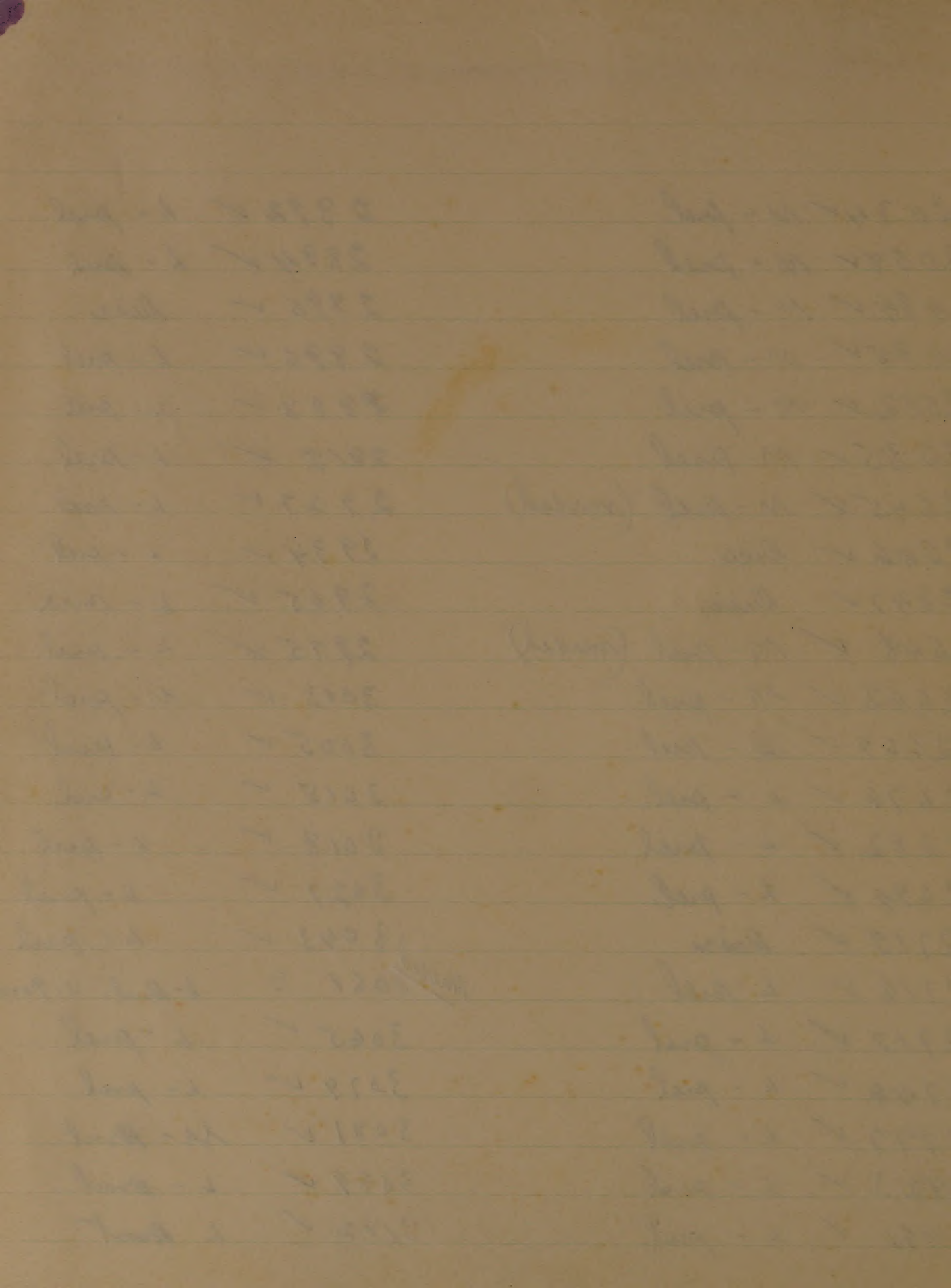
1-2-432253

1-2-432253
1-2-432253

101

2034 ✓ M - prel.
 2058 ✓ M - prel.
 2484 ✓ M - prel.
 2495 ✓ M - prel.
 2512 ✓ M - prel.
 2535 ✓ M - prel.
 2545 ✓ M - prel. (mixed)
 2546 ✓ Disc.
 2547 ✓ Disc.
 2548 ✓ M - prel. (mixed)
 2662 ✓ M - prel.
 2669 ✓ L - prel.
 2676 ✓ L - prel.
 2682 ✓ L - prel.
 2694 ✓ L - prel.
 2715 ✓ Disc.
 2716 ✓ L - prel.
 2717 ✓ L - prel.
 2746 ✓ L - prel.
 2777 ✓ L - prel.
 2823 ✓ L - prel.
 2891 ✓ L - prel.

2892 ✓ L - prel.
 2894 ✓ L - prel.
 2895 ✓ Disc.
 2896 ✓ L - prel.
 2898 ✓ L - prel.
 2915 ✓ L - prel.
 2927 ✓ L - prel.
 2934 ✓ L - prel.
 2965 ✓ L - prel.
 2975 ✓ L - prel.
 3003 ✓ M - prel.
 3005 ✓ L - prel.
 3015 ✓ L - prel.
 3018 ✓ L - prel.
 3027 ✓ L - prel.
 3045 ✓ L - prel.
 mixed 3061 0 L - Bmt. v. good
 3065 ✓ L - prel.
 3079 ✓ L - prel.
 3081 ✓ M - Bmt.
 3089 ✓ L - Bmt.
 3102 ✓ L - Bmt.



3104 ✓ L - Bmt.
3177 ✓ L - Bmt.
3195 ✓ L - pul
3313 ✓ M - pul
3338 ✓ L - pul
3351 ✓ L - pul.
3361 ✓ L - pul
3381 ✓ L - pul
3387 ✓ L - pul
3418 ✓ L - pul
3441 0 L - Bmt. J. good
3468 ✓ L - Bmt.
3481 ✓ L - pul
3508 ✓ L - pul
3510 ✓ L - pul.
3531 ✓ L - Bmt. (for Lundy)
3581 ✓ L - pul.
3736 ✓ L - pul.
3768 ✓ M - pul.
3770 ✓ M - pul.
3784 ✓ M - pul.
3789 ✓ M - pul. (?)

3796 ✓ L - pul
3798 ✓ M - pul.
3819 ✓ Disc.
3821 ✓ M - pul
3827 ✓ L - pul
3863 ✓ L - pul
3971 ✓ L - pul
3984 ✓ M - Bmt
3991 ✓ M - pul.
4032 ✓ Disc
4034 ✓ L - pul
4039 ✓ L - pul.
4093 ✓ L - Bmt.
4097 ✓ L - pul
4099 ✓ Disc
4106 ✓ L - pul
4132 ✓ L - Bmt.
4246 ✓ L - pul
8355 ✓ E - Bmt
8385 ✓ E - Bmt.
8449 ✓ E - Bmt.

1 EP

2 Caloro

3 Fort

1 Bunt

2 Crowley

3 Stuttgart

4 Begop

